

GC/MS default file: >G0169::R4

MS data file header from : >G0169

Sample: 2UL UT-3115 Operator: GARY MS2 11/09/84 16:52
Misc : SP2330 200-1/3/250 GT BTL#21BTL#21
Sys. #: 1 MS model: 87 SW/HW rev.: CR ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 265 Transfer line temp.: 265

Chromatographic temperatures : 200. 250. 0. 0. 0.
Chromatographic times, min. : 1.0 25.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 3.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.244	245	250	257	12	63725	41333	100.00
2	12.244	245	250	257	12	63725	37763	91.36

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.244	246	250	256	10	54376	33996	100.00
2	12.244	246	250	256	10	54376	31331	92.16

332/334 CALCULATION

R-Global(0) = .8225

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.264	246	251	257	11	46609	30010	100.00
2	12.264	246	251	257	11	46609	26446	88.12

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.264	247	251	255	8	13966	3030	100.00
2	12.264	247	251	255	8	13966	2726	89.97

CONFIDENTIAL

00058

C10961

> G0169

S

M/Z = 319.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.264	250	251	253	3	7490	2051	100.00
2	12.264	250	251	253	3	7490	1985	96.78

320/322 CALCULATION

R-Global(1) = .6769

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.264	250	251	252	2	7371	2613	100.00
2	12.264	250	251	252	2	7371	2512	96.13

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .8675

(328)/(332 + 334) CALCULATION

R-Global(3) = .3980

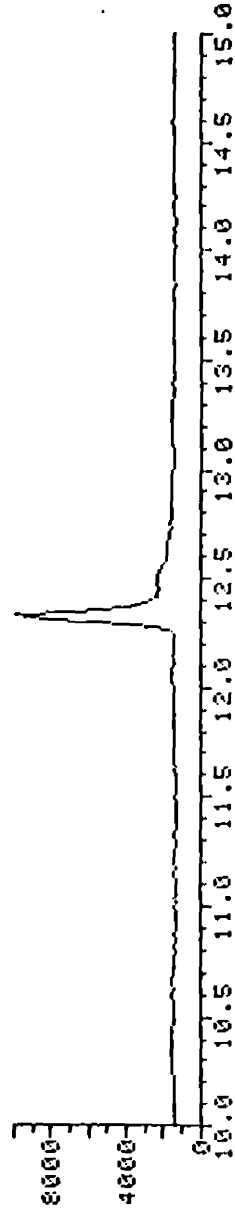
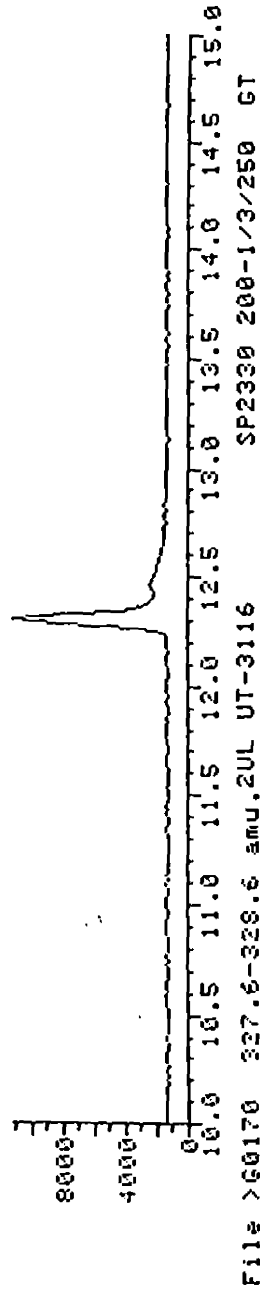
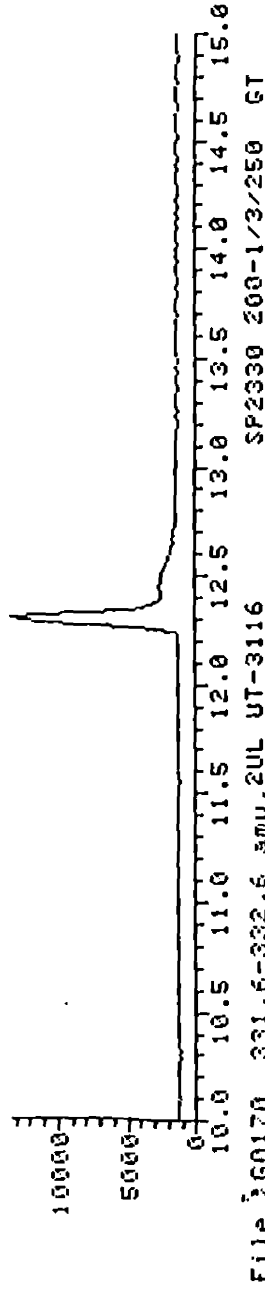
00059

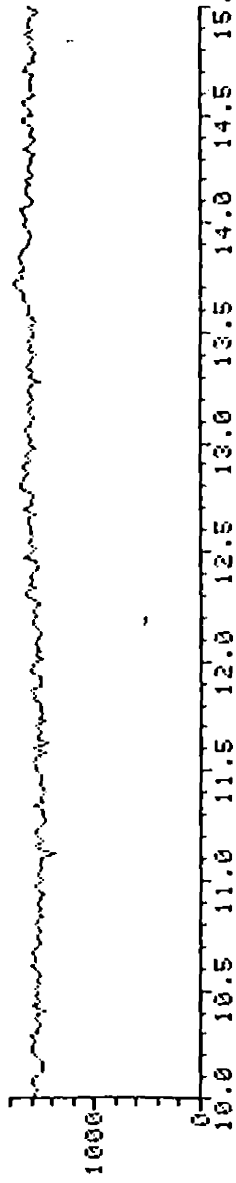
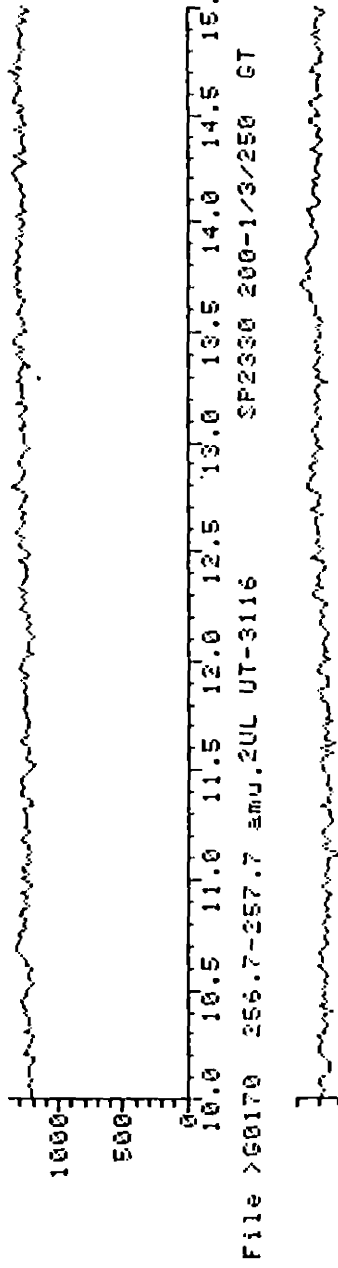
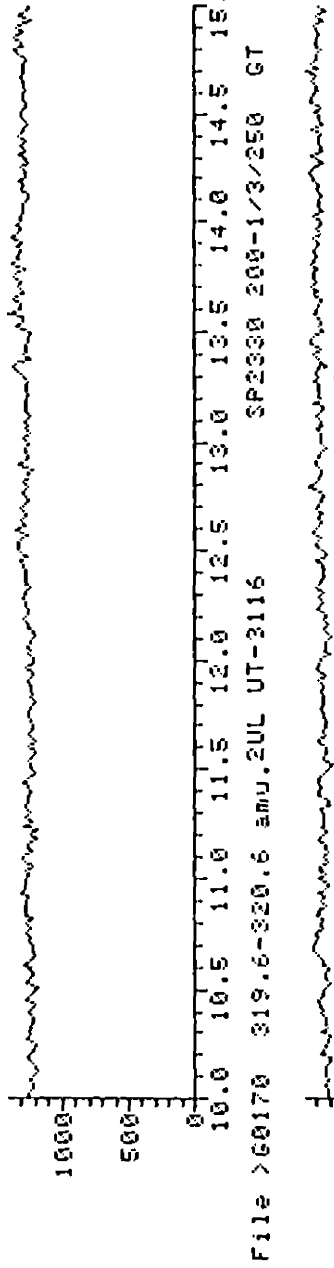
CONFIDENTIAL
SUBJECT TO A FUTURE PUBLICATION

C10962

File >G0170 333.6-334.6 amu.2UL UT-3116

SP2330 200-1/3/250 GT





CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER.

00060

C10963

MS data file header from : >G0170

Sample: 2UL UT-3116 Operator: GARY MS2 11/09/84 17:17 ..
Misc : SP2330 200-1/3/250 GT BTL#23BTL#23
Sys. #: 1 MS model: 87 SW/HW rev.: CA ALS # : 0
Method file: SP2330 Tuning file: APE101 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 265 Transfer line temp. : 265.....

Chromatographic temperatures : 200. 250. 0. 0. 0.
Chromatographic times, min. : 1.0 25.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 3.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.310	251	256	261	10	54708	41748	100.00
2	12.310	251	256	261	10	54708	36103	86.48

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.310	251	256	261	10	45680	32990	100.00
2	12.310	251	256	261	10	45680	28725	87.07

332/334 CALCULATION

R-Global(0) = .7902

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.330	247	257	261	14	48863	29767	100.00
2	12.330	247	257	261	14	48863	23488	78.91

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	0.000	262	0	261	-1	0	1273	100.00
2	0.000	262	0	261	-1	0	1273	100.00

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

00061

C10964

> G0170

S

M/Z = 319.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	0.000	262	0	261	-1	0	1252	100.00
2	0.000	262	0	261	-1	0	1252	100.00

320/322 CALCULATION

R-Global(1) = .9835

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	0.000	262	0	261	-1	0	1557	100.00
2	0.000	262	0	261	-1	0	1557	100.00

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .0338

(328)/(332 + 334) CALCULATION

R-Global(3) = .3981

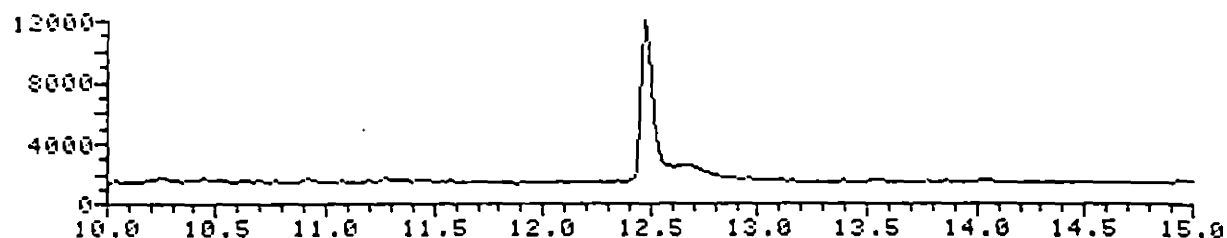
00062

CONFIDENTIAL
SUBJECT TO REVIEW

C10965

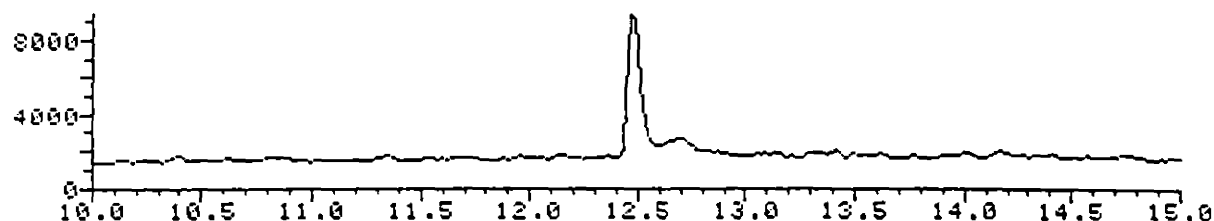
File >G0171 333.6-334.6 amu.2UL UT-3117

SP2330 200-1/3/250 GT



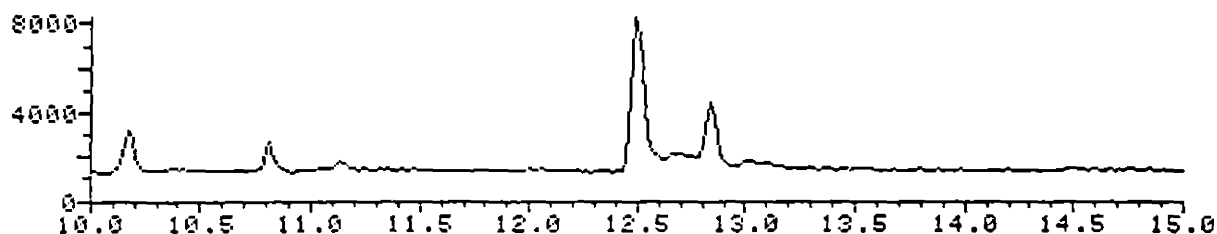
File >G0171 331.6-332.6 amu.2UL UT-3117

SP2330 200-1/3/250 GT



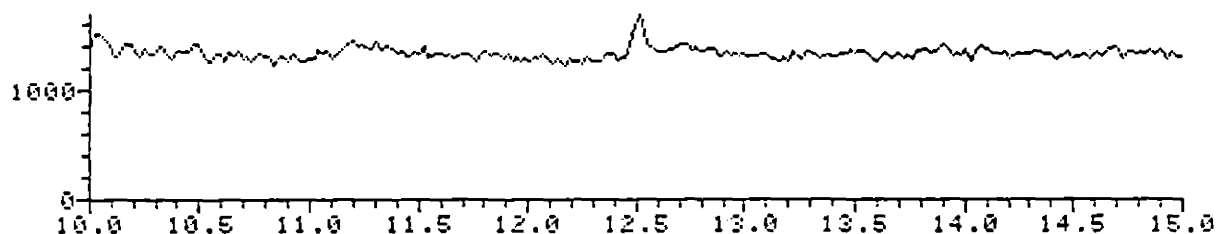
File >G0171 327.6-328.6 amu.2UL UT-3117

SP2330 200-1/3/250 GT



File >G0171 321.6-322.6 amu.3UL UT-3117

SP2330 200-1/3/250 GT



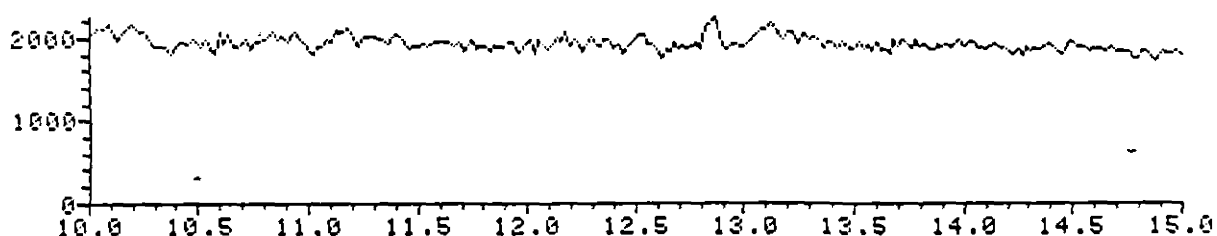
File >G0171 319.6-320.6 amu.2UL UT-3117

SP2330 200-1/3/250 GT



File >G0171 256.7-257.7 amu.2UL UT-3117

SP2330 200-1/3/250 GT



CONFIDENTIAL
SUBJECT TO

00063

C10966

MS data file header from : >G0171

Sample: 2UL UT-3117 Operator: GARY MS2 11/09/84 17:37 ..
Misc : SP2330 200-1/3/250 GT BTL#25 BTL#25
Sys. #: 1 MS model: 87. SW/HW rev.: CR ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 265 Transfer line temp.: 265.....

Chromatographic temperatures : 200. 250. 0. 0. 0.
Chromatographic times, min. : 1.0 25.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 3.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.471	259	264	270	11	52602	35794	100.00
2	12.471	259	264	270	11	52602	30305	84.67

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.471	261	264	270	9	43822	29287	100.00
2	12.471	261	264	270	9	43822	26222	89.53

332/334 CALCULATION

R-Global(0) = .8182

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.491	260	265	271	11	40316	25994	100.00
2	12.491	260	265	271	11	40316	22617	87.01

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.511	263	266	270	7	11639	2651	100.00
2	12.511	263	266	270	7	11639	2392	90.23

CONFIDENTIAL
SUBJECT TO REVIEW

00064

C10967

>G0171

S

M/Z = 319.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.491	264	265	266	2	4832	1814	100.00
2	12.491	264	265	266	2	4832	1689	93.11

320/322 CALCULATION

R-Global(1) = .6843

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.531	264	267	268	4	9999	2243	100.00
2	12.531	264	267	268	4	9999	2217	99.73

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .8686

(328)/(332 + 334) CALCULATION

R-Global(3) = .3990

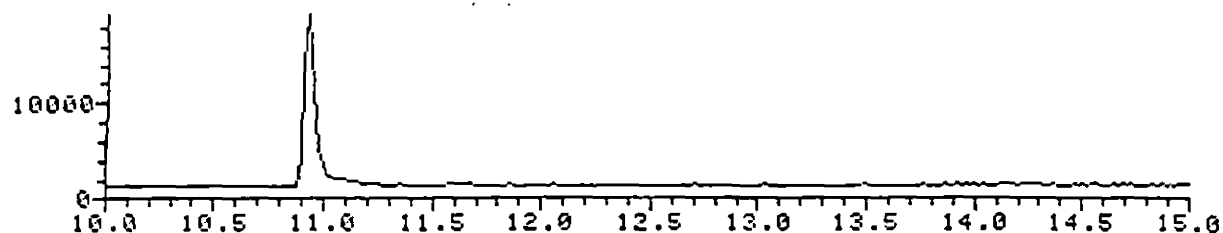
CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER

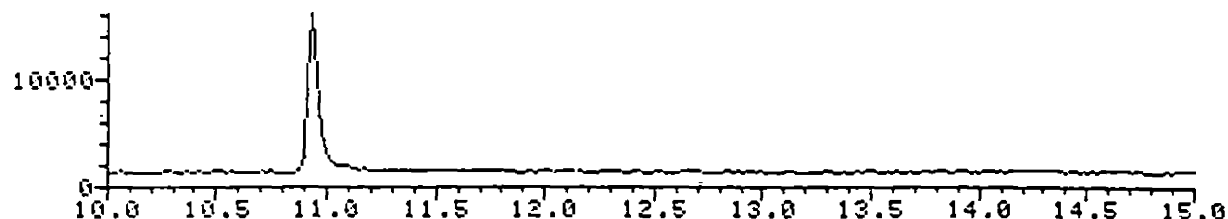
00065

C10968

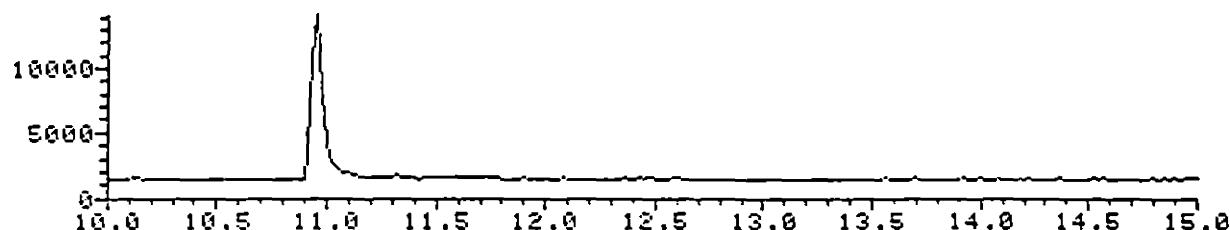
File >G0173 333.6-334.6 amu.2UL .2503/.48/.20 SP2330 200-1/3/250 GT..



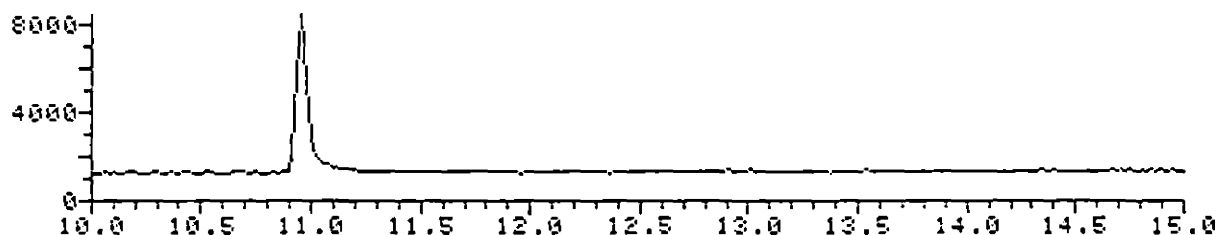
File >G0173 331.6-332.6 amu.2UL .2503/.48/.20 SP2330 200-1/3/250 GT..



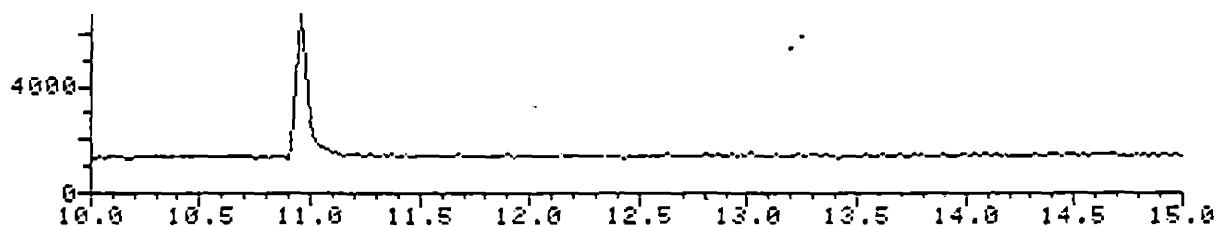
File >G0173 327.6-328.6 amu.2UL .2503/.48/.20 SP2330 200-1/3/250 GT..



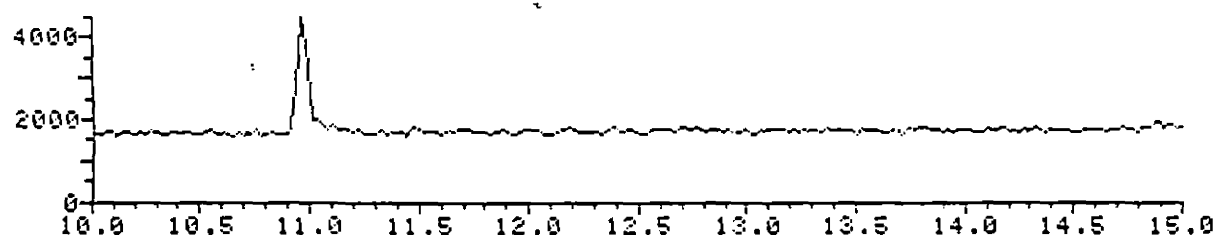
File >G0173 321.6-322.6 amu.2UL .2503/.48/.20 SP2330 200-1/3/250 GT



File >G0173 319.6-320.6 amu.2UL .2503/.48/.20 SP2330 200-1/3/250 GT...



File >G0173 256.7-257.7 amu.2UL .2503/.48/.20 SP2330 200-1/3/250 GT..



CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

00006

C10969

MS data file header from : >G0173

Sample: 2UL .2503/.48/.20 Operator: GARY MS2 11/09/84 17:58
Misc : SP2330 200-1/3/250 GT BTL#29BTL#29
Sys. #: 1 MS model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 265 Transfer line temp.: 265

Chromatographic temperatures : 200. 250. 0. 0. 0.
Chromatographic times, min. : 1.0 25.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 3.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	10.936	178	188	205	27	95808	59655	100.00
2	10.936	178	188	205	27	95808	58062	97.33

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	10.936	183	188	200	17	69185	45606	100.00
2	10.936	183	188	200	17	69185	43073	94.45

332/334 CALCULATION

R-Global(0) = .7645

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	10.956	183	189	203	20	69961	41921	100.00
2	10.956	183	189	203	20	69961	39711	94.73

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	10.956	184	189	196	12	38007	22143	100.00
2	10.956	184	189	196	12	38007	20871	94.26

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

00007

C10970

S
M/Z = 319.9

>G0173

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	10.956	184	189	201	17	40214	17842	100.00
2	10.956	184	189	201	17	40214	16966	95.09

320/322 CALCULATION

R-Global(1) = .8058

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	10.956	185	189	193	8	22850	9898	100.00
2	10.956	185	189	193	8	22850	8498	85.86

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .3799

(328)/(332 + 334) CALCULATION

R-Global(3) = .3964

CONFIDENTIAL

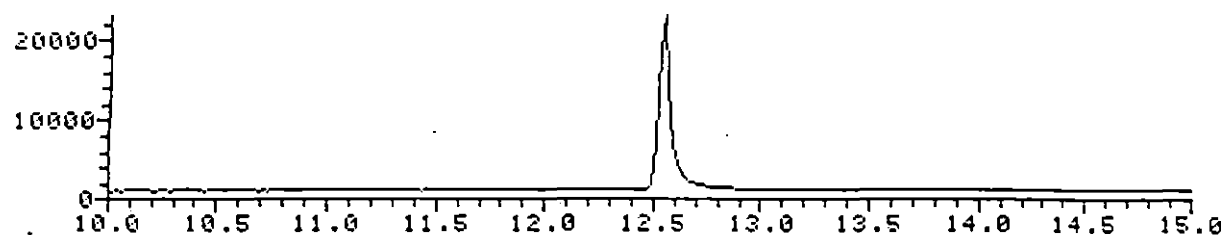
SUBJECT TO PROTECTIVE ORDER.

00008

C10971

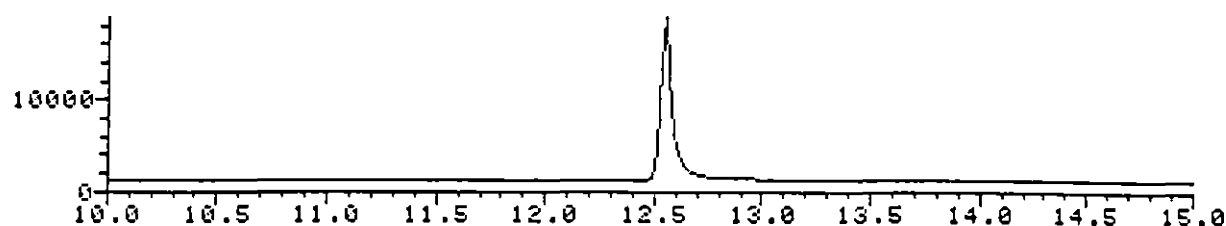
File >G0174 333.6-334.6 amu.2UL 2.503/.48/.20

SP2330 200-1/3/250.GT..



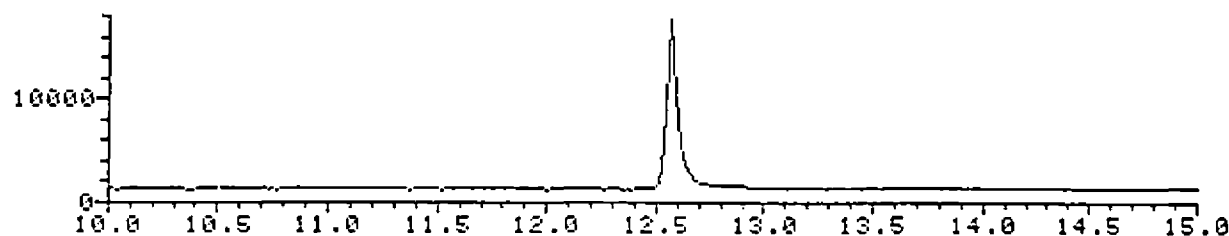
File >G0174 331.6-332.6 amu.2UL 2.503/.48/.20

SP2330 200-1/3/250 GT



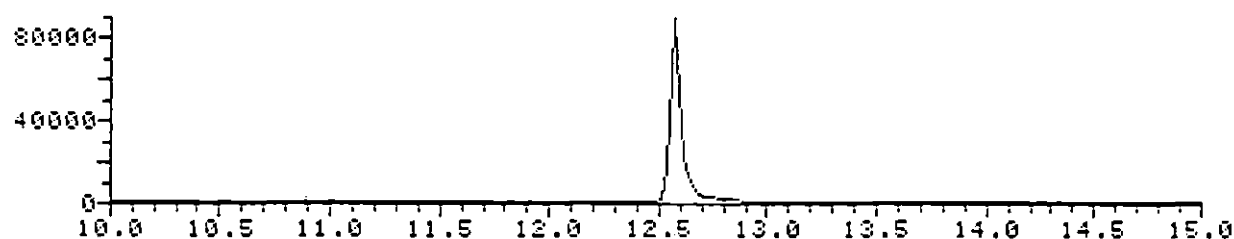
File >G0174 337.6-338.6 amu.2UL 2.503/.48/.20

SP2330 200-1/3/250.GT..



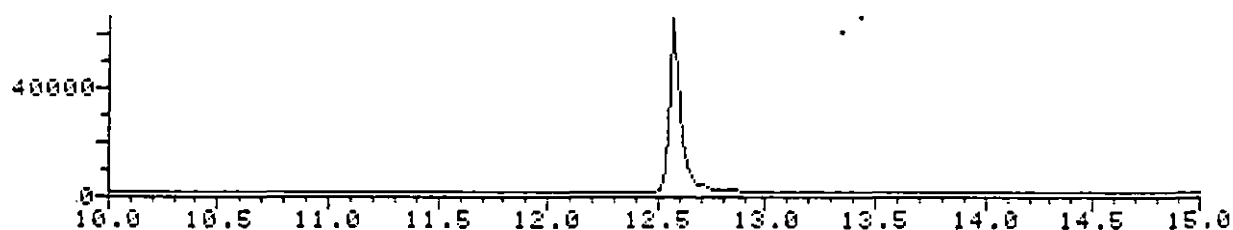
File >G0174 321.6-322.6 amu.2UL 2.503/.48/.20

SP2330 200-1/3/250 GT



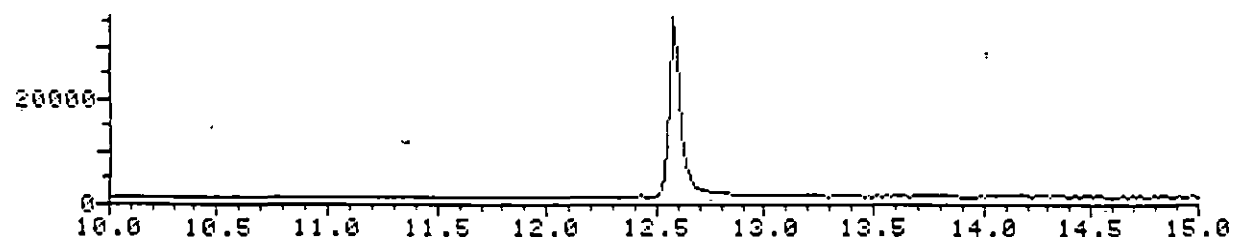
File >G0174 319.6-320.6 amu.2UL 2.503/.48/.20

SP2330 200-1/3/250.GT...



File >G0174 256.7-257.7 amu.2UL 2.503/.48/.20

SP2330 200-1/3/250.GT.



CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER.

00000

C10972

MS data file header from : >G0174

Sample: 2UL 2.503/.48/.20 Operator: GARY MS2 11/09/84-10:1
Misc : SP2330 200-1/3/250 GT BTL#41BTL#41
Sys. #: 1 MS model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: RPEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 265 Transfer line temp.: 265....

Chromatographic temperatures : 200. 250. 0. 0. 0.
Chromatographic times, min. : 1.0 25.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 3.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.552	260	268	278	18	98047	76015	100.00
2	12.552	260	268	278	18	98047	71083	93.51

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.552	260	268	285	25	92933	61233	100.00
2	12.552	260	268	285	25	92933	59658	97.43

332/334 CALCULATION

R-Global(0) = .8055

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.572	262	269	282	20	81762	57102	100.00
2	12.572	262	269	282	20	81762	54482	95.41

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.572	259	269	289	30	334113	298113	100.00
2	12.572	259	269	289	30	334113	287268	96.36

CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER

00070

C10973

S

M/Z = 319.9

> B0174

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.572	258	269	284	26	248367	217141	100.00
2	12.572	258	269	284	26	248367	206078	94.91

(320/322) CALCULATION

R-Global(1) = .7284

M/Z = 257.0

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.572	259	269	285	26	156236	119342	100.00
2	12.572	259	269	285	26	156236	114285	95.76

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = 3.7542

(328)/(332 + 334) CALCULATION

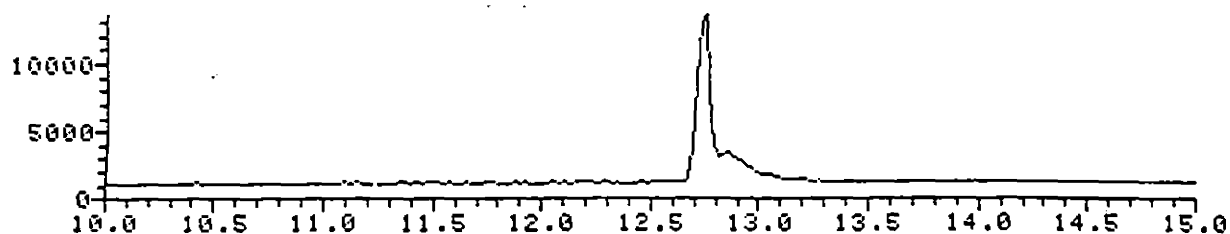
R-Global(3) = .3965

CONFIDENTIAL
 SUBJECT TO PROTECTIVE ORDER

00071

C10974

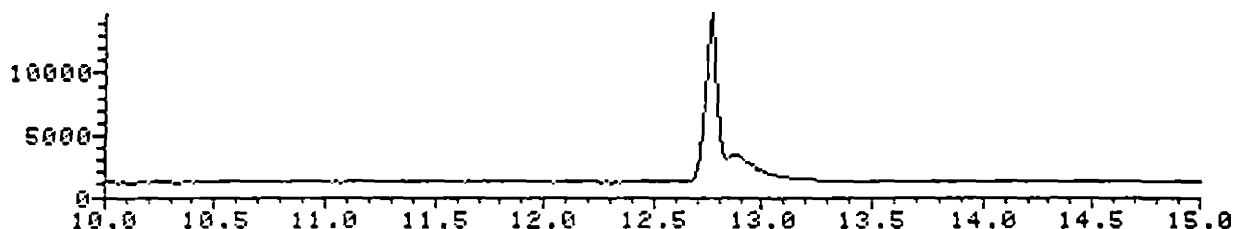
File >G0175 333.6-334.6 amu.2UL 25.03/.48/.20 SP2330 200-1/3/250...GT...



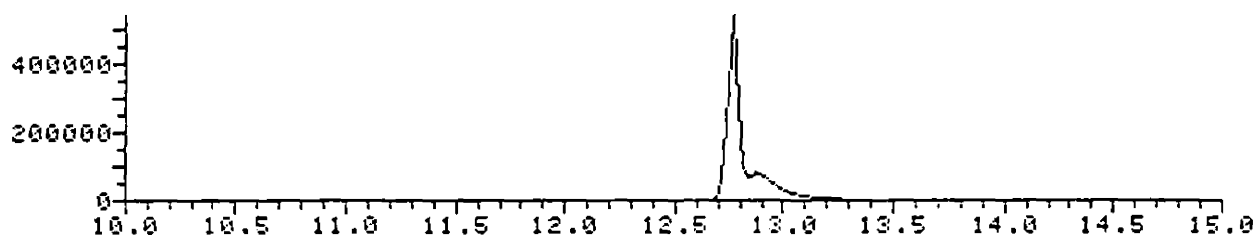
File >G0175 331.6-332.6 amu.2UL 25.03/.48/.20 SP2330 200-1/3/250...GT..



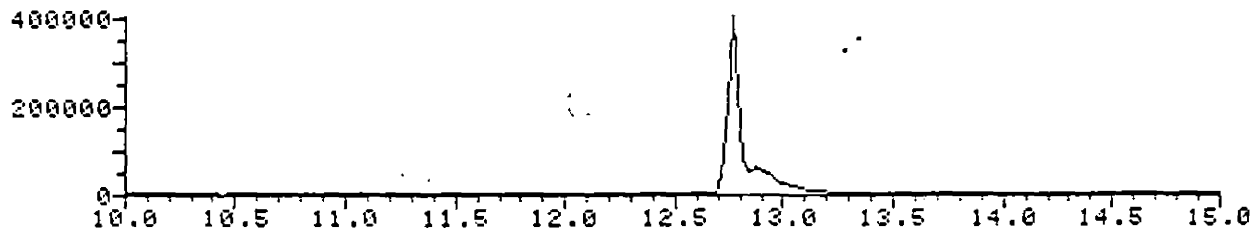
File >G0175 327.6-328.6 amu.2UL 25.03/.48/.20 SP2330 200-1/3/250...GT...



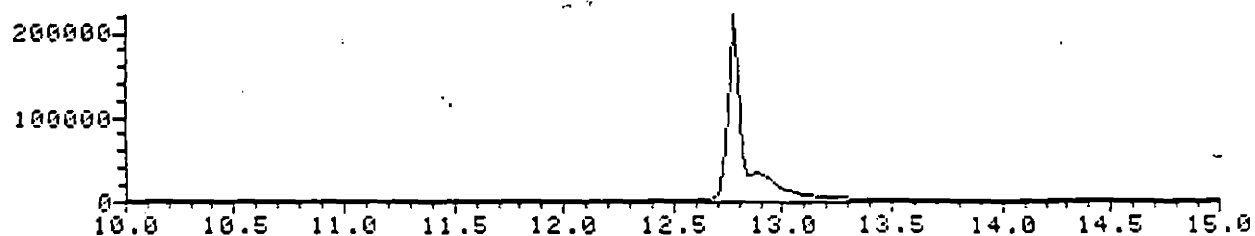
File >G0175 321.6-322.6 amu.2UL 25.03/.48/.20 SP2330 200-1/3/250...GT..



File >G0175 319.6-320.6 amu.2UL 25.03/.48/.20 SP2330 200-1/3/250...GT...



File >G0175 256.7-257.7 amu.2UL 25.03/.48/.20 SP2330 200-1/3/250...GT..



CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER

00072

C10975

MS data file header from : >G0175

Sample: 2UL 25.03/.48/.20 Operator: GARY MS2 11/09/84 18:39...
Misc : SP2330 200-1/3/250 GT BTL#43BTL#43
Sys. #: 1 MS model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: RPEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 265 Transfer line temp.: 265....

Chromatographic temperatures : 200. 250. 0. 0. 0.
Chromatographic times, min. : 1.0 25.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 3.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.754	272	278	281	9	58015	46495	100.00
2	12.754	272	278	281	9	58015	38048	81.83

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.754	272	278	281	9	48899	37883	100.00
2	12.754	272	278	281	9	48899	30611	80.80

332/334 CALCULATION

R-Global(0) = .8148

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.774	273	279	282	9	58142	46883	100.00
2	12.774	273	279	282	9	58142	39143	83.49

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.774	269	279	282	13	1736753	1721712	100.00
2	12.774	269	279	282	13	1736753	1282812	74.51

CONFIDENTIAL

00073

C10976

S

M/Z = 319.9

>60175

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.774	270	279	282	12	1267934	1253342	100.00
2	12.774	270	279	282	12	1267934	948926	75.71

320/322 CALCULATION

R-Global(1) = .7280

M/Z = 257.0

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.774	270	279	282	12	707015	691091	100.00
2	12.774	270	279	282	12	707015	517709	74.91

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = 35.2586

(328)/(332 + 334) CALCULATION

R-Global(3) = .3720

CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER

00074

C10977

MS data file header from 185113

Sample: 20L 10027.487 20 Operator: ROY MS 11/05/84 9.30
misc: SP2330 200-1/3/250 BIL#03 BIL# 3
sys. #: 1 MS model: B7 SW/HW rev.: CA ALS.#: 0
Method file: SP2330 Tuning file: APT101 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures: 0. 0. 0. 0. 0.
Chromatographic times, min.: 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

n/z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.335	249	255	267	18	428079	381513	100.00
2	12.335	249	255	267	18	428079	375528	99.43

n/z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.335	249	255	266	17	350343	308848	100.00
2	12.335	249	255	266	17	350343	301988	97.78

332/334 CALCULATION

R-Global(0) = .8095

n/z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	250	256	267	17	409322	366482	100.00
2	12.355	250	256	267	17	409322	358211	97.74

n/z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	251	256	269	18	135239	88043	100.00
2	12.355	251	256	269	18	135239	87584	99.48

CONFIDENTIAL

C10978

n/z = 314.9

> 8313

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	250	256	267	17	117128	71755	100.00
2	12.355	250	256	267	17	117128	69783	97.25

320/322 CALCULATION

R-Global(1) = .8150

n/z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	252	256	264	12	85928	42404	100.00
2	12.355	252	256	264	12	85928	38954	91.86

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .2315

(328)/(332 + 334) CALCULATION

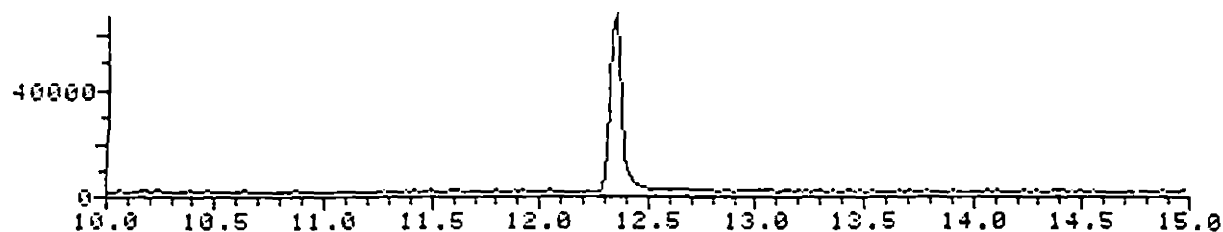
R-Global(3) = .5297

00076

File >B3114 333.6-334.6 amu.2UL UT-3041

SP2330 200-1/3/250 GT

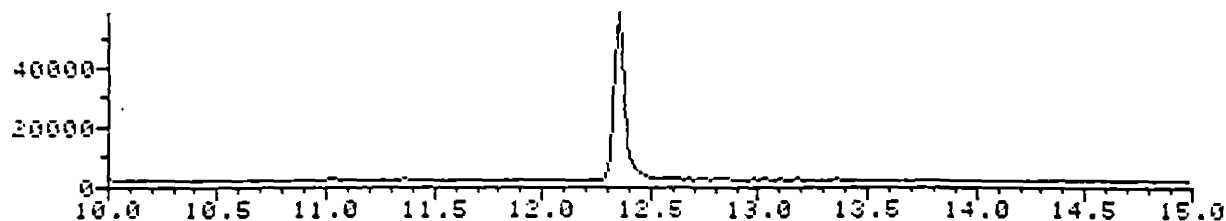
BT



File >B3114 331.6-332.6 amu.2UL UT-3041

SP2330 200-1/3/250 GT

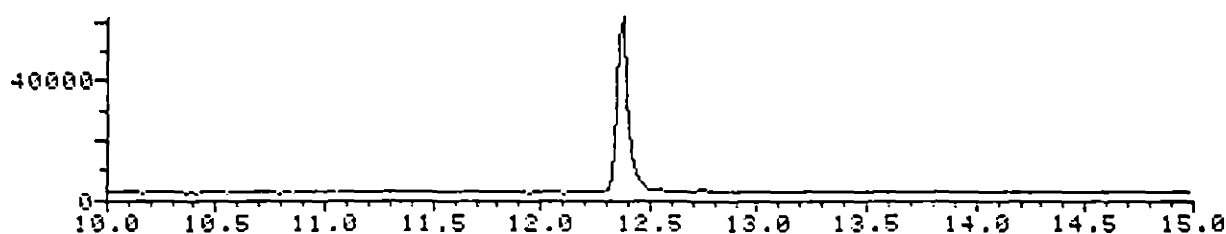
BT



File >B3114 327.6-329.6 amu.2UL UT-3041

SP2330 200-1/3/250 GT

BT



File >B3114 321.6-322.6 amu.2UL UT-3041

SP2330 200-1/3/250 GT

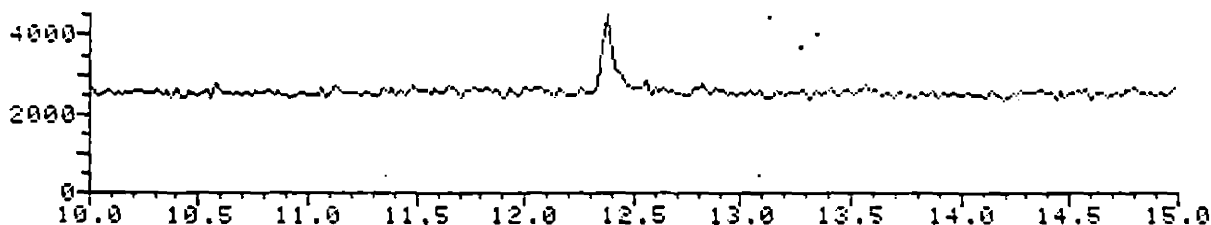
BT



File >B3114 319.6-320.6 amu.2UL UT-3041

SP2330 200-1/3/250 GT

BT



File >B3114 256.7-257.7 amu.2UL UT-3041

SP2330 200-1/3/250 GT

BT



000000

CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER

C10980

MS data file header from : B3114

Sample: 20L UT-3041 Operator: ROY MS 11/05/84 1:00
Misc : SP2330 200-1/3/250 GT BTL#31 BTL#31
Svs. #: 1 MS Model: B7 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

n/z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.354	250	256	268	18	242036	197666	100.00
2	12.354	250	256	268	18	242036	192950	97.61

n/z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.354	250	256	266	16	200080	150080	100.00
2	12.354	250	256	266	16	200080	156912	98.02

332/334 CALCULATION

R-Global(0) = .8099

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

n/z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	251	257	268	17	233202	188373	100.00
2	12.375	251	257	268	17	233202	183859	97.50

n/z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

C10981

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	254	257	264	10	36043	10543	100.00
2	12.375	254	257	264	10	36043	9313	88.33

000000

2B314

M/Z = 319.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	253	257	264	11	37149	9308	100.00
2	12.375	253	257	264	11	37149	9466	90.95

320/322 CALCULATION

R-Global(1) = .8829

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	252	257	260	8	35813	6421	100.00
2	12.375	252	257	260	8	35813	6121	95.33

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .0555

(328)/(332 + 334) CALCULATION

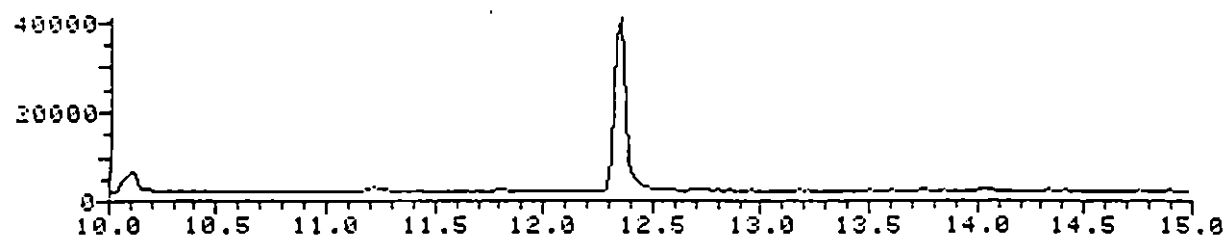
R-Global(3) = .5263

00000

File >B3115 333.6-334.6 amu.2UL UT-3042

SP2330 200-1/3/250 GT

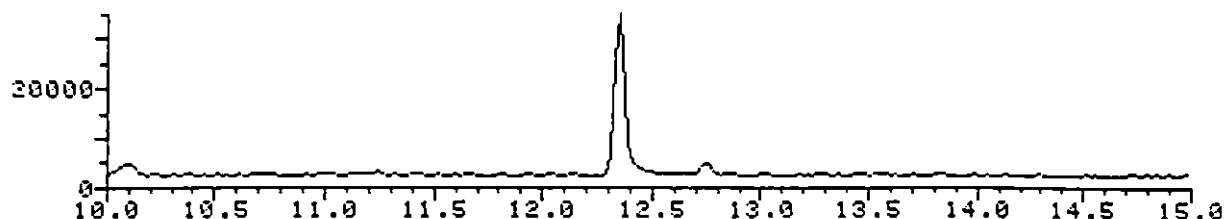
BT



File >B3115 331.6-332.6 amu.2UL UT-3042

SP2330 200-1/3/250 GT

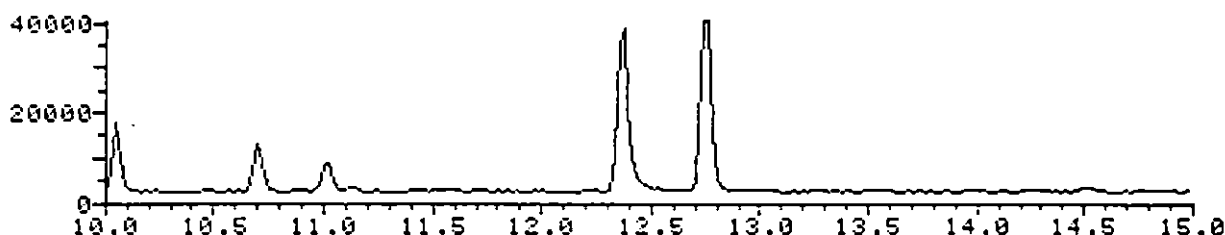
BT



File >B3115 327.6-328.6 amu.2UL UT-3042

SP2330 200-1/3/250 GT

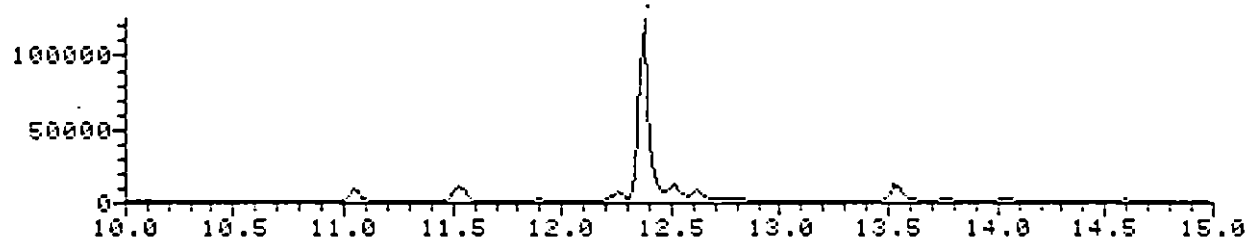
BT



File >B3115 321.6-322.6 amu.2UL UT-3042

SP2330 200-1/3/250 GT

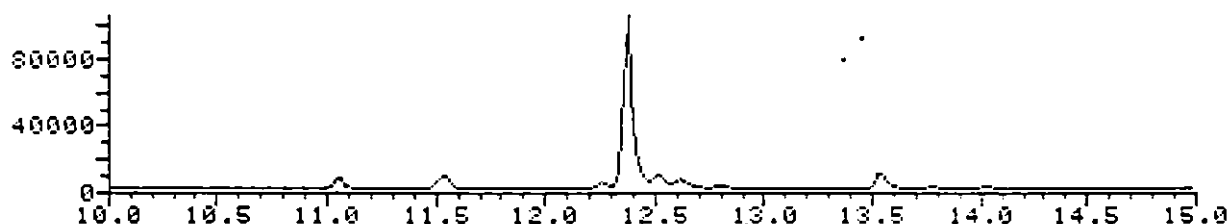
BT



File >B3115 319.6-320.6 amu.2UL UT-3042

SP2330 200-1/3/250 GT

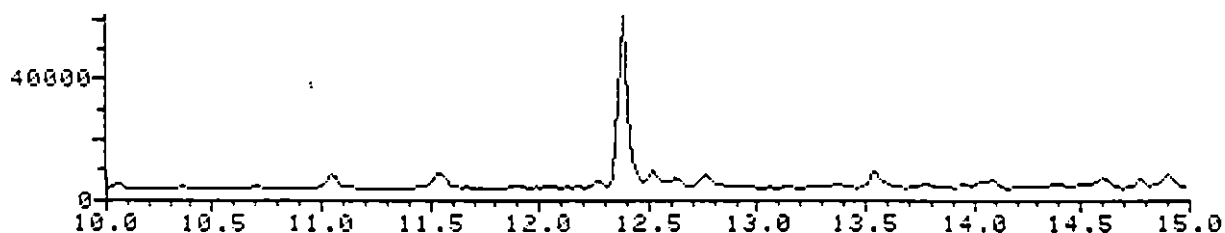
BT



File >B3115 256.7-257.7 amu.2UL UT-3042

SP2330 200-1/3/250 GT

BT



00080

CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER

C10983

MS data file header from 083115

Sample: 20L QT-3042 Operator: ROY MS 11/05/84 i 20
Misc: SP2330 200-1/3/250 GT BTL#33 BTL#33
Svs. #: 1 MS model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

m/z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.354	250	256	266	16	154401	115793	100.00
2	12.354	250	256	266	16	154401	113657	98.16

m/z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.354	250	256	265	15	128678	91898	100.00
2	12.354	250	256	265	15	128678	90413	98.58

332/334 CALCULATION

R-Global(0) = .7936

m/z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	252	257	265	13	147887	113554	100.00
2	12.375	252	257	265	13	147887	109524	95.45

m/z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	253	257	262	9	367975	331687	100.00
2	12.375	253	257	262	9	367975	313439	94.50

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

C10984

00081

> B31.5

M/Z = 312.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	253	257	262	9	305215	271699	100.00
2	12.375	253	257	262	9	305215	257758	94.87

320/322 CALCULATION

R-Global(1) = .8191

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	254	257	262	8	195226	157882	100.00
2	12.375	254	257	262	8	195226	150626	95.40

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = 2.9052

(328)/(332 + 334) CALCULATION

R-Global(3) = .5324

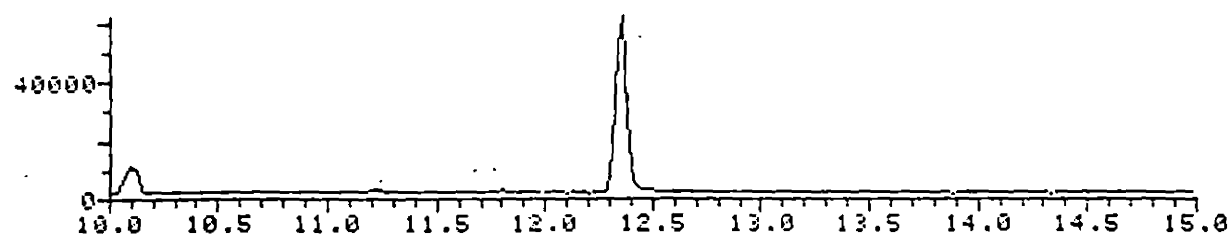
CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

00082

010985

File >B3116 333.6-334.6 amu.2UL UT-3043

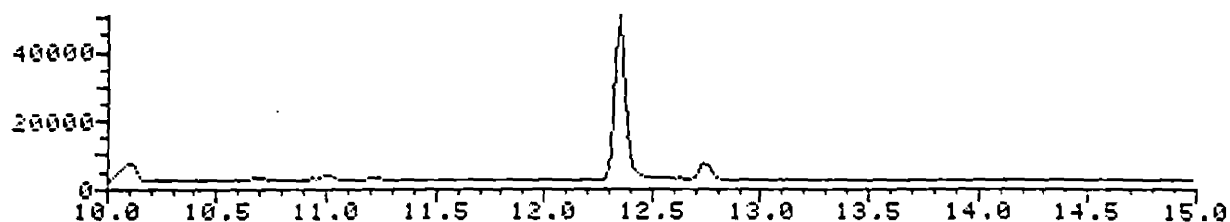
SP2330 200-1/3/250 GT BT



40

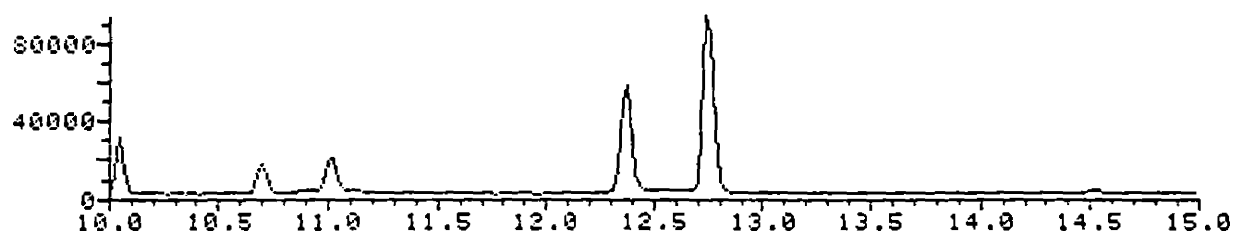
File >B3116 331.6-332.6 amu.2UL UT-3043

SP2330 200-1/3/250 GT BT



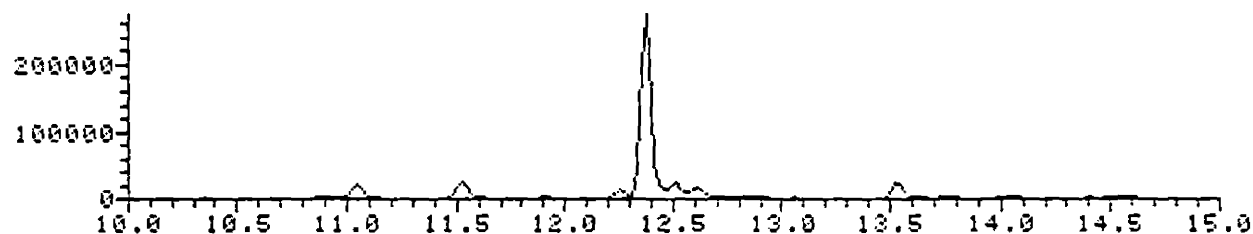
File >B3116 327.6-328.6 amu.2UL UT-3043

SP2330 200-1/3/250 GT BT



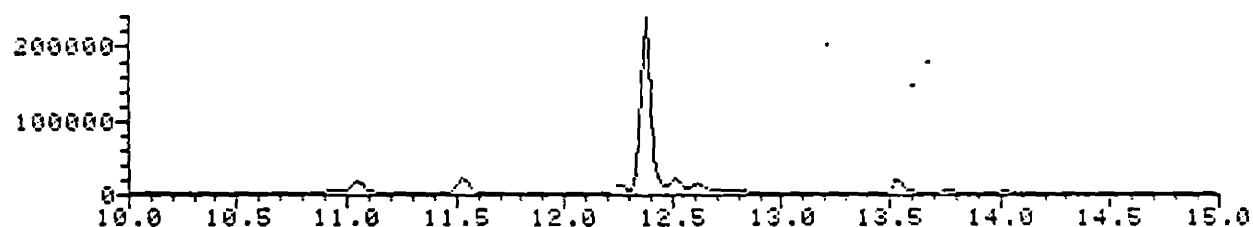
File >B3116 321.6-322.6 amu.2UL UT-3043

SP2330 200-1/3/250 GT BT



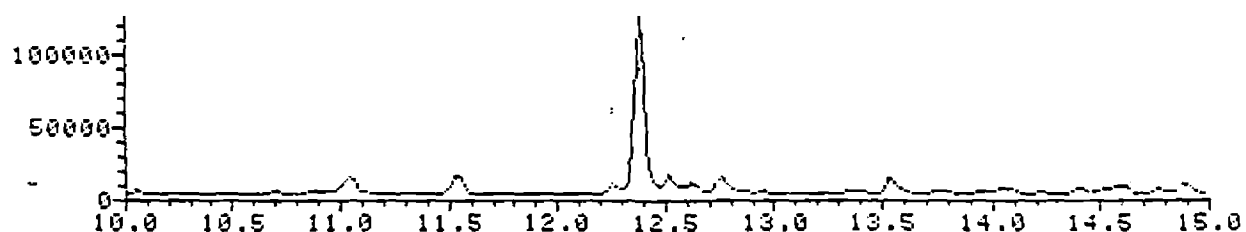
File >B3116 319.6-320.6 amu.2UL UT-3043

SP2330 200-1/3/250 GT BT



File >B3116 256.7-257.7 amu.2UL UT-3043

SP2330 200-1/3/250 GT BT



00003

C10986

21

CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER

>0.311

m/z = 319.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	254	257	262	8	646915	598907	100.00
2	12.375	254	257	262	8	646915	575623	96.11

320/322 CALCULATION

R-Global(1) = .8303

m/z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	254	257	262	8	374852	318020	100.00
2	12.375	254	257	262	8	374852	311824	98.05

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = 4.3271

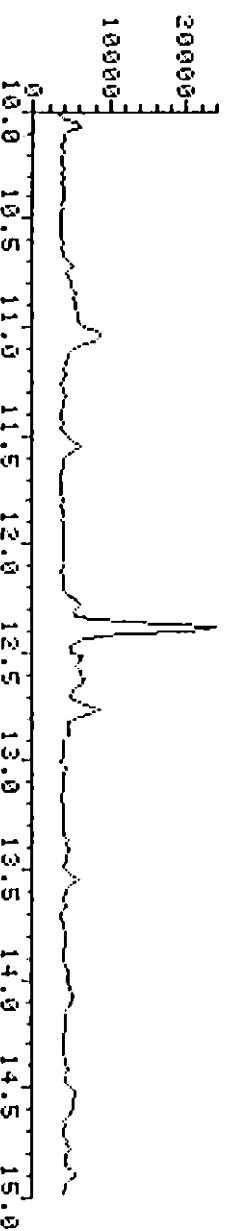
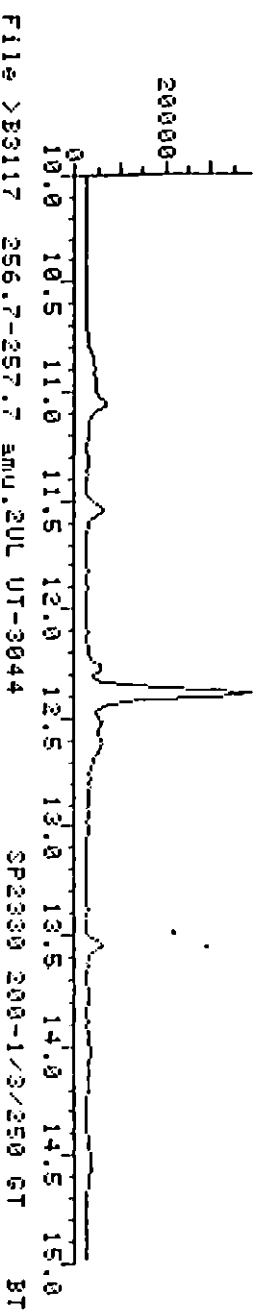
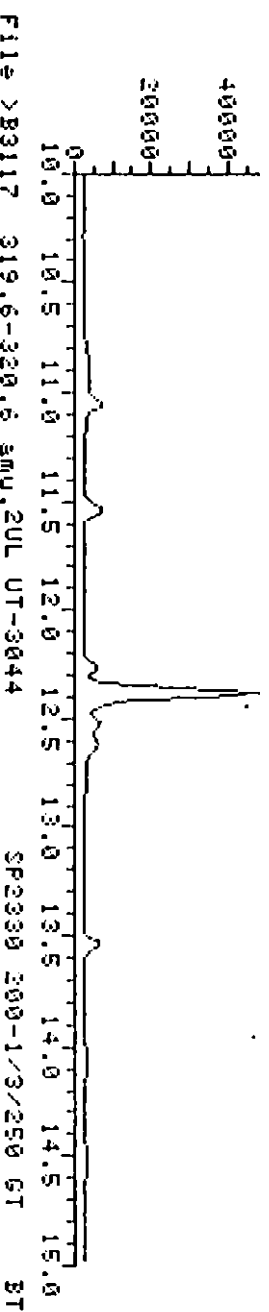
(320)/(332 + 334) CALCULATION

R-Global(3) = .5085

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

00085

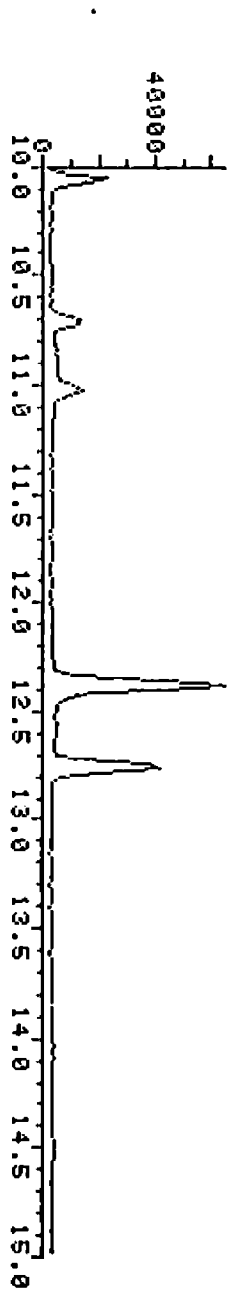
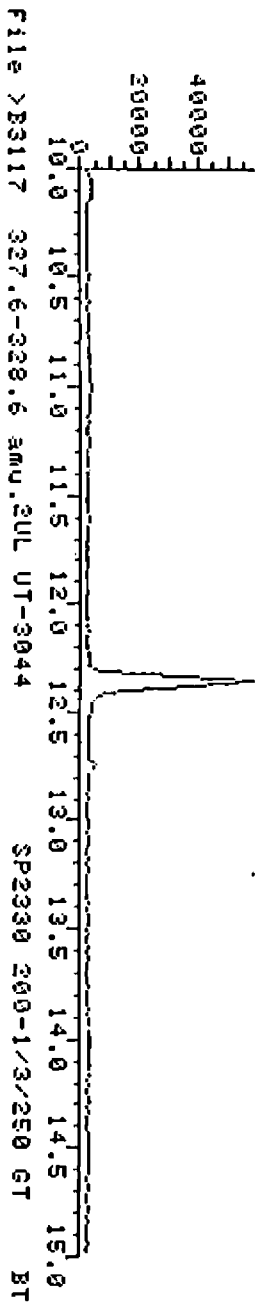
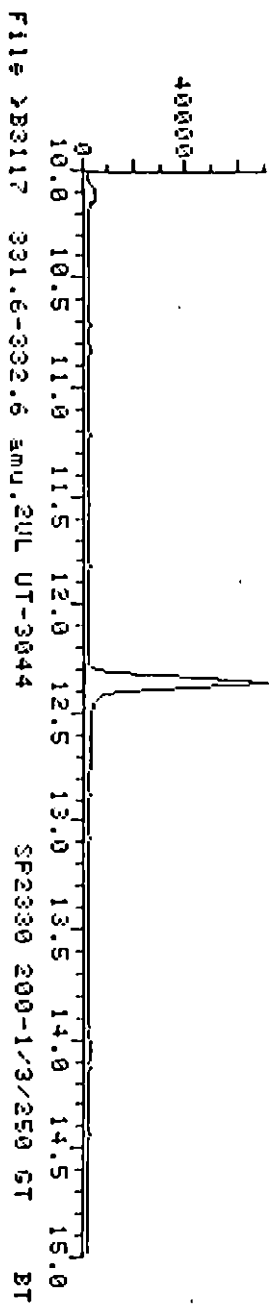
C10988



SUBJECT TO PROTECTIVE ORDER

C10989

File >B3117 333.6-334.6 amu.2UL UT-3044 SP2330 200-1/3/250 GT BT



File >B3117 321.6-322.6 amu.2UL UT-3044 SP2330 200-1/3/250 GT BT

MS data file header from : DB3117

Sample: 2UL UT-3044 Operator: ROY MS 11/05/84 2:00
Misc : SP2330 200-1/3/250 GT BTL#37 BTL#37
Svs. #: 1 MS Model: 97 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

m/z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	250	256	266	16	229668	190628	100.00
2	12.355	250	256	266	16	229668	185956	97.55

m/z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	250	256	264	14	191754	155214	100.00
2	12.355	250	256	264	14	191754	150629	97.05

332/334 CALCULATION

R-Global(0) = .8142

m/z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	251	257	265	14	226639	179165	100.00
2	12.375	251	257	265	14	226639	172774	96.43

m/z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

C10990

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	254	257	262	8	154102	120374	100.00
2	12.375	254	257	262	8	154102	117538	97.64

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

000007

733117

6

M/Z = 319.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	254	257	262	8	130072	97976	100.00
2	12.375	254	257	262	8	130072	96132	98.12

320/322 CALCULATION

R-Global(1) = .8139

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	254	257	263	9	101154	55704	100.00
2	12.375	254	257	263	9	101154	54903	98.56

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .6314

(328)/(332 + 334) CALCULATION

R-Global(3) = .5149

00028

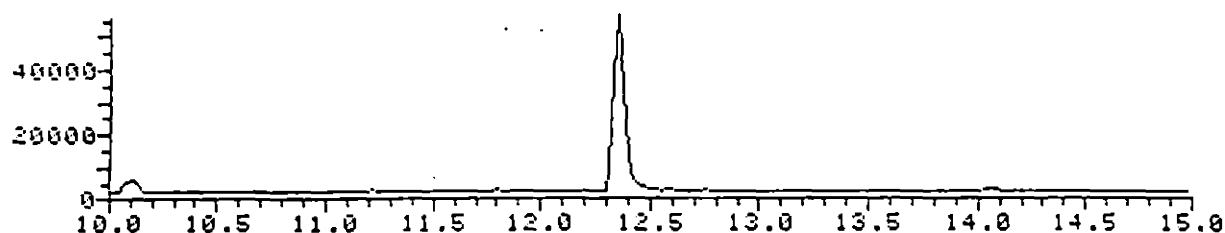
C10991

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

File >B3118 333.6-334.6 amu.2UL UT-3045

SP2330 200-1/3/250 GT

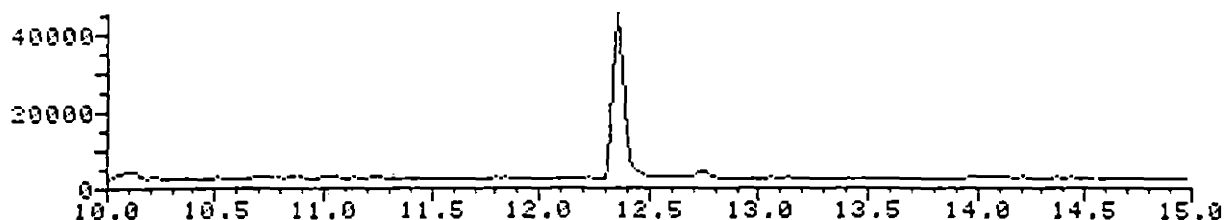
BT



File >B3118 331.6-332.6 amu.2UL UT-3045

SP2330 200-1/3/250 GT

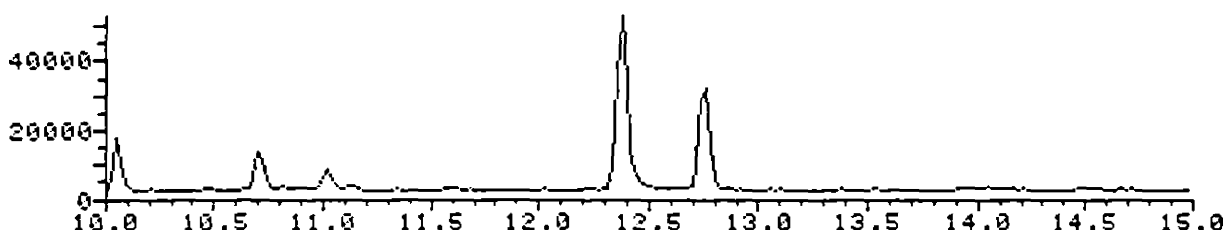
BT



File >B3118 327.6-328.6 amu.2UL UT-3045

SP2330 200-1/3/250 GT

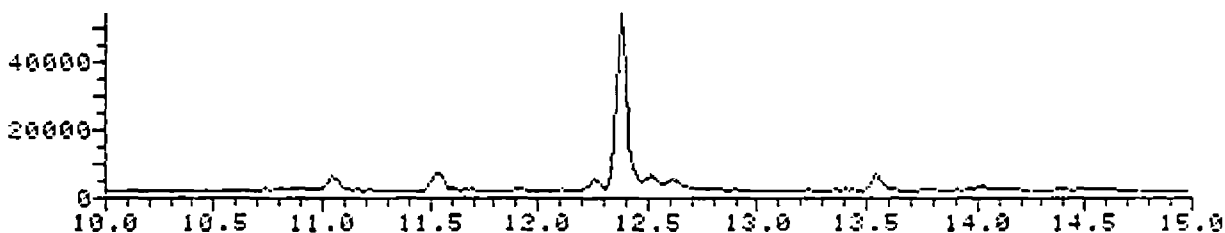
BT



File >B3118 321.6-322.6 amu.2UL UT-3045

SP2330 200-1/3/250 GT

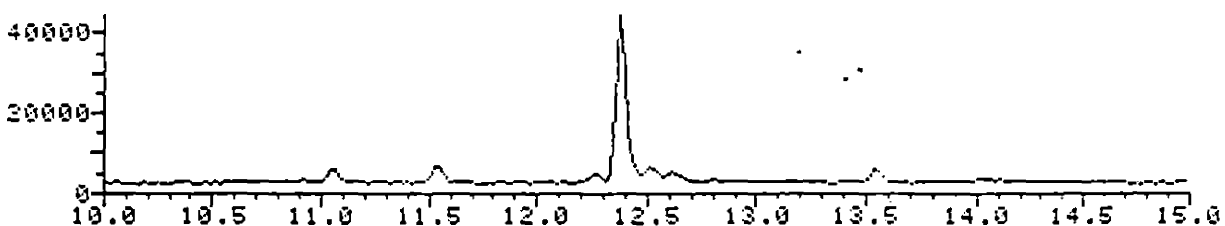
BT



File >B3118 319.6-320.6 amu.2UL UT-3045

SP2330 200-1/3/250 GT

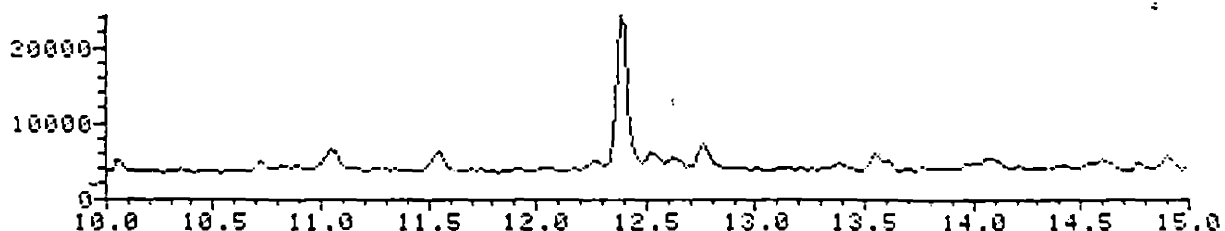
BT



File >B3118 256.7-257.7 amu.2UL UT-3045

SP2330 200-1/3/250 GT

BT



00000

CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER.

C10992

MS data file header from : 2B3118

Sample: 2UL UT-3045 Operator: ROY MS 11/05/84 2:20
Misc : SP2330 200-1/3/250 GT BTL#39 BTL#39
Svs. #: 1 MS Model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

m/z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	251	256	267	16	195019	153195	100.00
2	12.355	251	256	267	16	195019	150411	98.18

m/z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	252	256	267	15	162092	126212	100.00
2	12.355	252	256	267	15	162092	123227	97.63

332/334 CALCULATION

R-Global(0) = .8239

m/z = 327.9

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	251	257	265	14	187228	147034	100.00
2	12.375	251	257	265	14	187228	143632	97.59

m/z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

C10993

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	254	257	262	8	168687	143415	100.00
2	12.375	254	257	262	8	168687	135535	94.51

CONFIDENTIAL

S
M/Z = 319.0

78311?

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	254	257	262	8	140123	114939	100.00
2	12.375	254	257	262	9	140123	109047	94.87

320/322 CALCULATION

R-Global(1) = .9014

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	254	257	262	8	98062	64206	100.00
2	12.375	254	257	262	8	98062	62230	96.92

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .9247

(320)/(332 + 334) CALCULATION

R-Global(3) = .5216

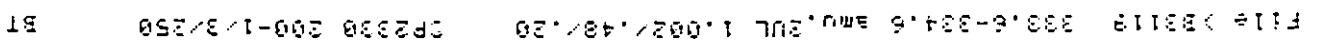
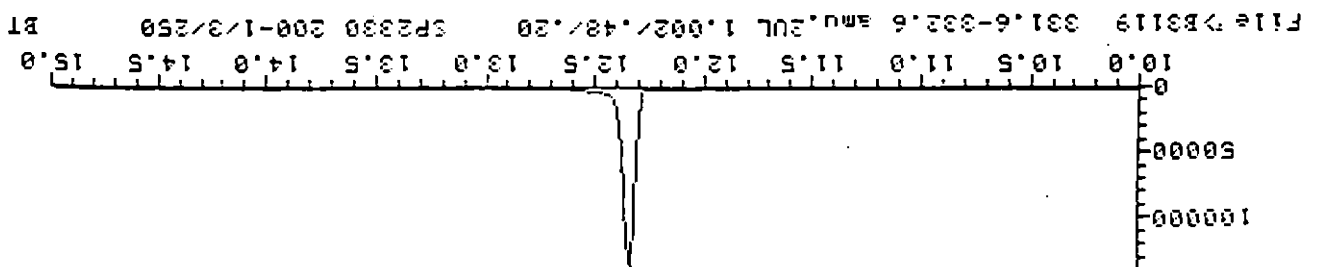
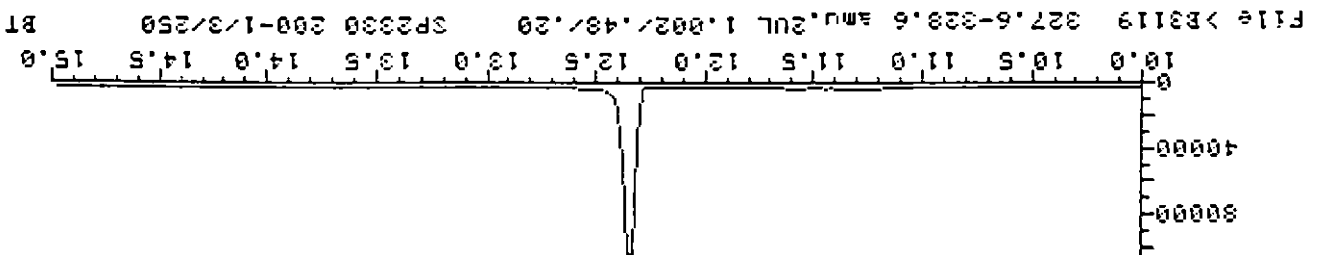
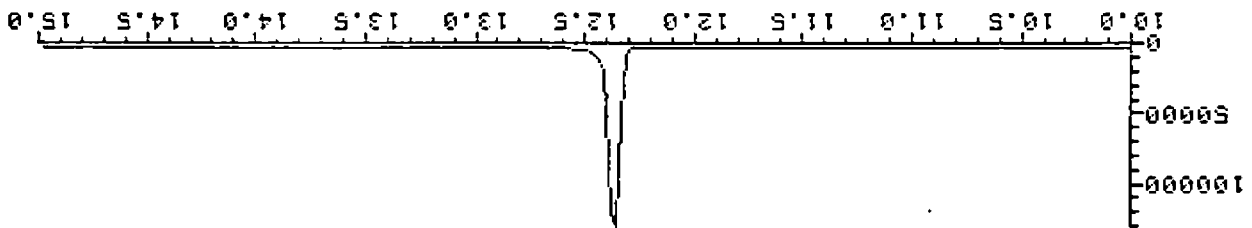
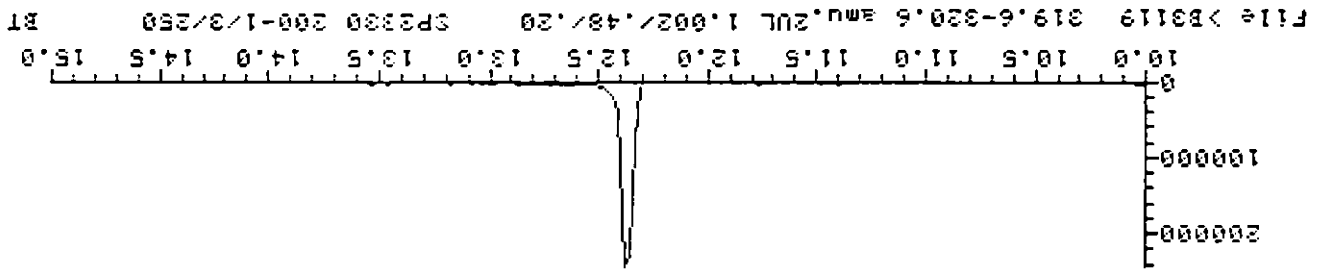
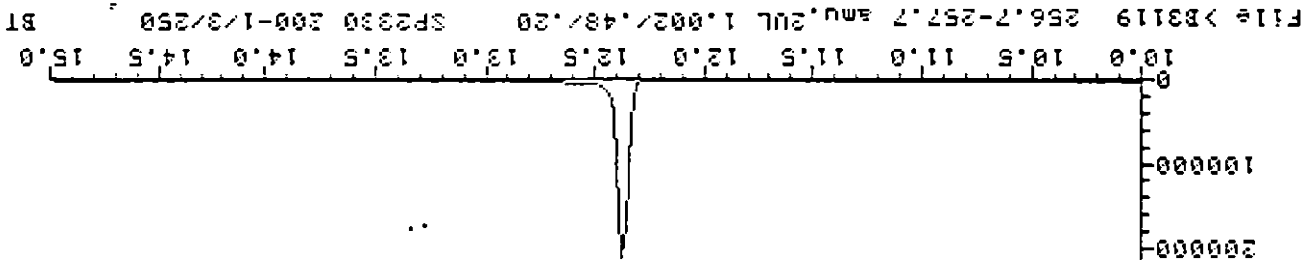
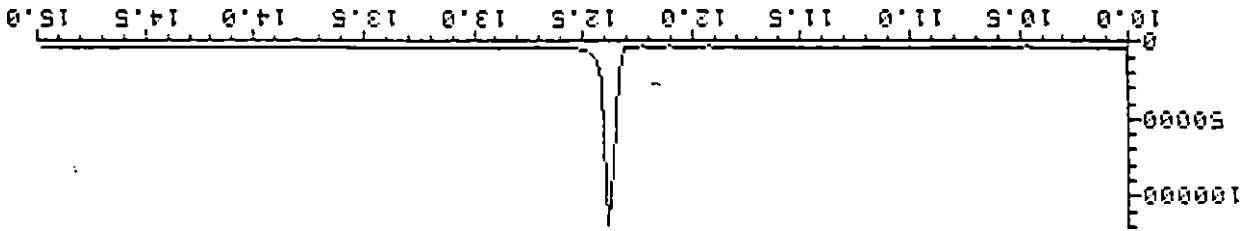
00001

C10994

CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER

00002



no data file header from : >B3119

Sample: 2UL 1.002/.48/.20 Operator: ROY MS 11/05/84 2.43
Misc : SP2330 200-1/3/250 BTL#05 BTL# 5
Sys. #: 1 MS Model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APE101 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.334	251	255	264	13	420210	389543	100.00
2	12.334	251	255	264	13	420210	381242	97.87

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.334	250	255	265	15	355362	317997	100.00
2	12.334	250	255	265	15	355362	311667	98.01

332/334 CALCULATION

R-Global(0) = .8163

m/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	252	256	266	14	424061	388935	100.00
2	12.355	252	256	266	14	424061	380493	97.83

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	252	257	266	14	774861	739973	100.00
2	12.375	252	257	266	14	774861	726127	98.13

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

C10996

00093

78319

5
M/Z = 319.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	250	257	266	16	644133	602389	100.00
2	12.375	250	257	266	16	644133	587541	97.54

320/322 CALCULATION

R-Global(1) = .8141

m/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	251	257	265	14	369061	321167	100.00
2	12.375	251	257	265	14	369061	311374	96.95

(320 + 322)/(332 + 334) CALCULATION

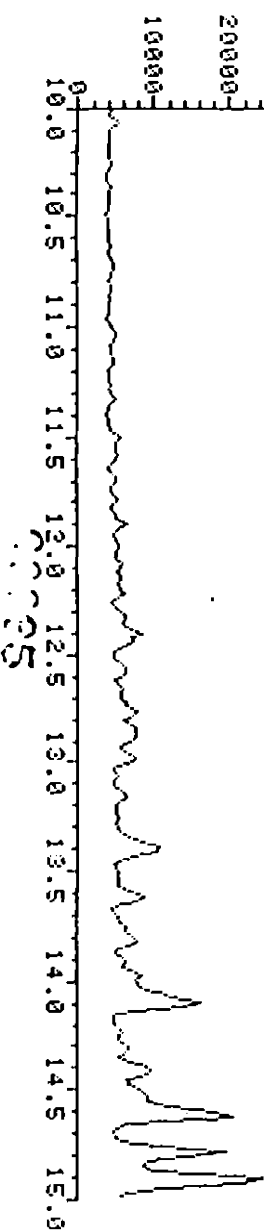
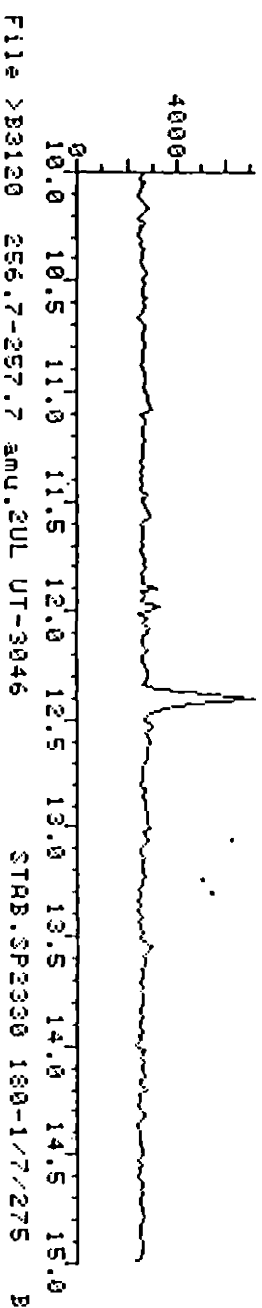
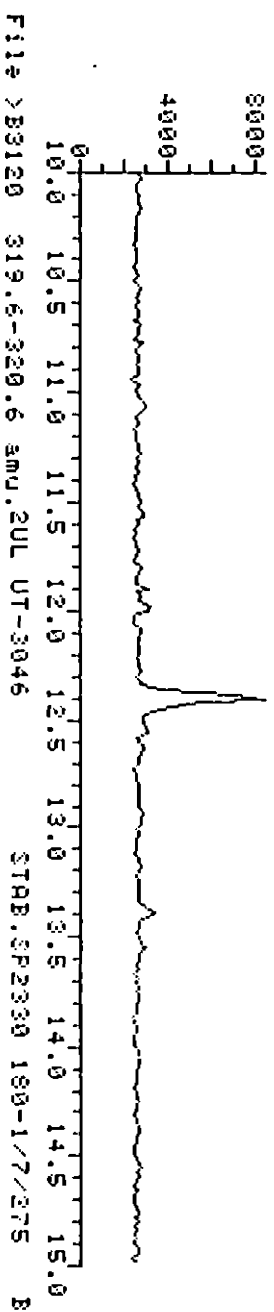
R-Global(3) = 1.8972

(328)/(332 + 334) CALCULATION

R-Global(3) = .5403

00001
CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

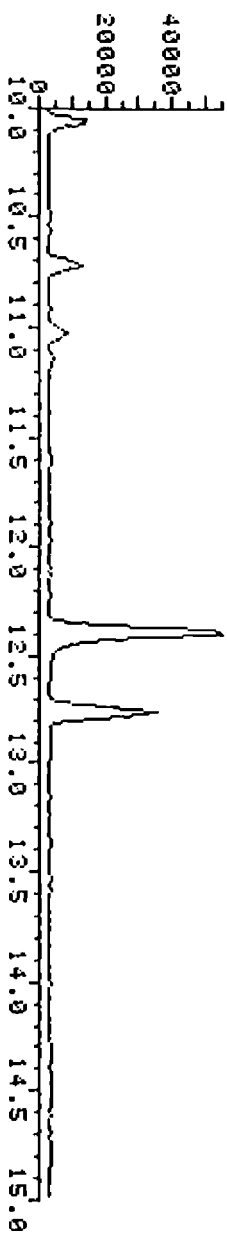
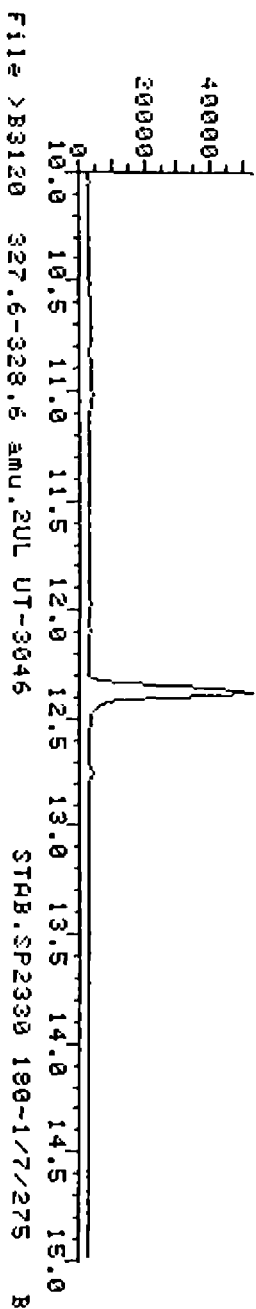
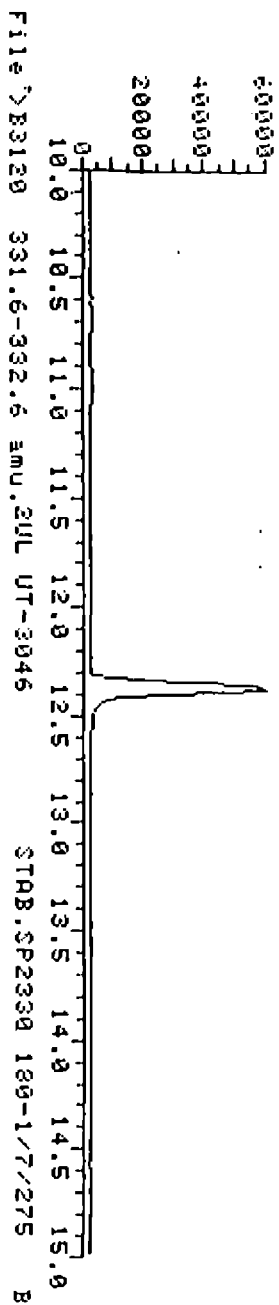
C10997



SUBJECT TO PROTECTIVE ORDER.

C10998

File >B3120 333.6-334.6 amu.2UL UT-3046 STAB.SP2330 180-1/7/275 B



File header from : >B3120

20

2- 2UL UT-3046 Operator: ROY MS 11/05/84 3:05
: STAB.SP2330 180-1/7/275 BTL#S1BTL#51
#: 1 MS Model: 87 SW/HW rev.: CA ALS #: 0
nod file: SP2330 Tuning file: APEI01 No. of extra records: 2
ce temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures :	0.	0.	0.	0.	0.	-
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0	0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0	4

333.9

t peak is baseline drop corrected area.
d peak is tangent skimmed corrected area.

R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
12.376	252	257	266	14	214374	177596	100.00
12.376	252	257	266	14	214374	172948	97.38

331.9

t peak is baseline drop corrected area.
d peak is tangent skimmed corrected area.

R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
12.376	252	257	264	12	175550	143702	100.00
12.376	252	257	264	12	175550	139508	97.08

334 CALCULATION

obal(0) = .8092

= 327.9

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

st peak is baseline drop corrected area.
nd peak is tangent skimmed corrected area.

R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
12.396	253	258	265	12	204100	169708	100.00
12.396	253	258	265	12	204100	165892	97.75

= 321.9

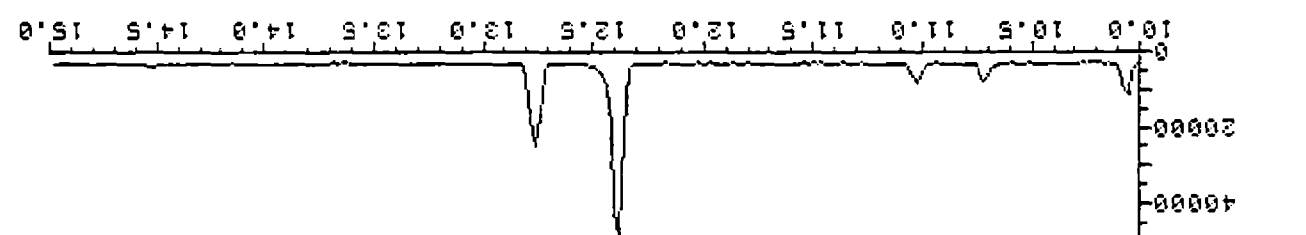
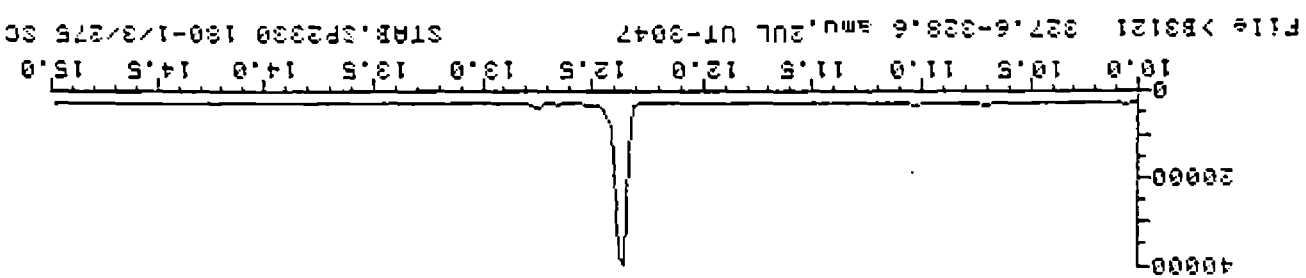
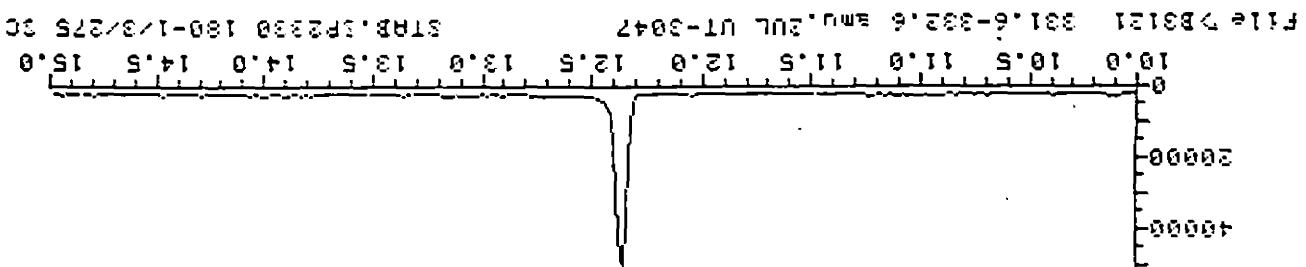
st peak is baseline drop corrected area.
nd peak is tangent skimmed corrected area.

C10999

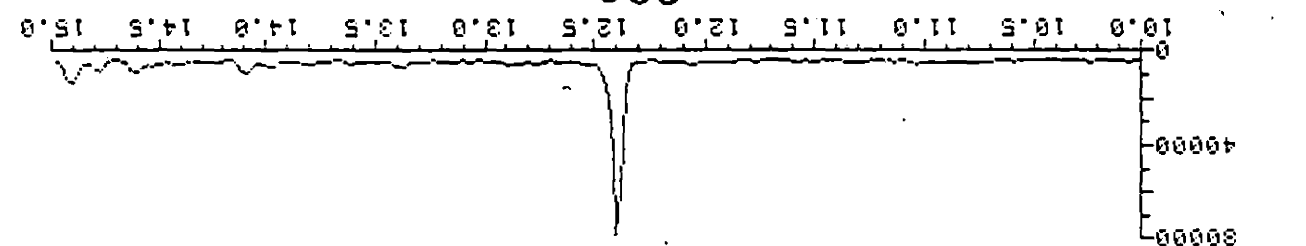
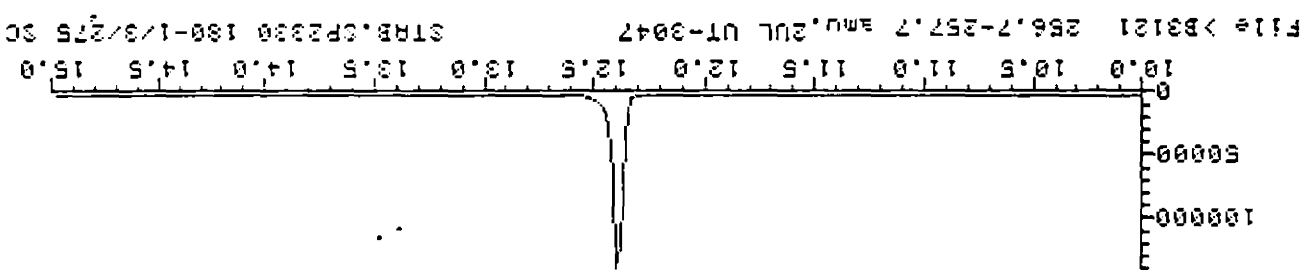
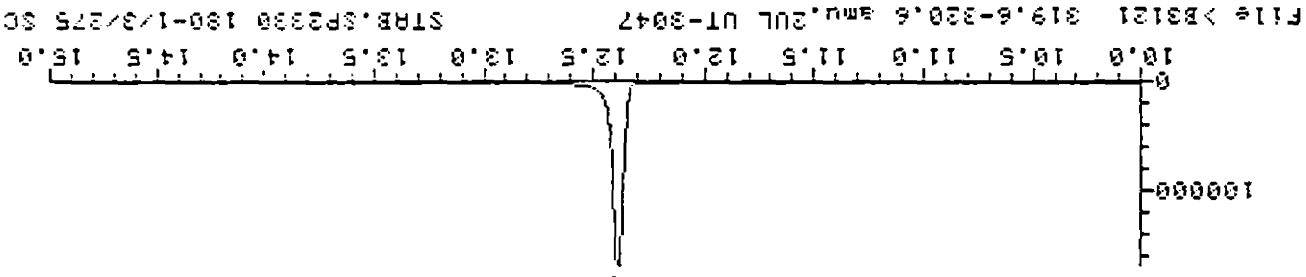
R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
12.396	253	258	264	11	49003	20590	100.00
12.396	253	258	264	11	49003	18626	90.46

60096

File >B3121 333.6-334.6 amu.2UL UT-3047 STRB.SP2330 180-1/3/275 SC



File >B3121 321.6-322.6 amu.2UL UT-3047 STRB.SP2330 180-1/3/275 SC



C11001

MS data file header from : >B3121

Sample: 2UL UI-3047 Operator: ROY MS 11/05/84 3:25
Misc : STAB.SP2330 180-1/3/275 SCC BTL#53 BTL#53
Svs. #: 1 MS Model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	252	256	265	13	168497	135802	100.00
2	12.355	252	256	265	13	168497	131921	97.14

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	252	256	266	14	148241	113409	100.00
2	12.355	252	256	266	14	148241	110994	97.87

332/334 CALCULATION

R-Global(0) = .8351

m/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	252	257	266	14	174775	137633	100.00
2	12.375	252	257	266	14	174775	134434	97.68

m/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	253	257	268	15	551083	512623	100.00
2	12.375	253	257	268	15	551083	501418	97.91

COPIED
SUBMIT - REFERENCE ORDER

C11002

00099

5

m/z = 319.9

3.3121

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	252	258	269	17	456590	414889	100.00
2	12.395	252	258	269	17	456590	405853	97.82

320/322 CALCULATION

R-Global(1) = .8093

m/z = 257.0

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	252	258	269	17	292443	218527	100.00
2	12.395	252	258	269	17	292443	216334	99.00

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = 3.7218

(328)/(332 + 334) CALCULATION

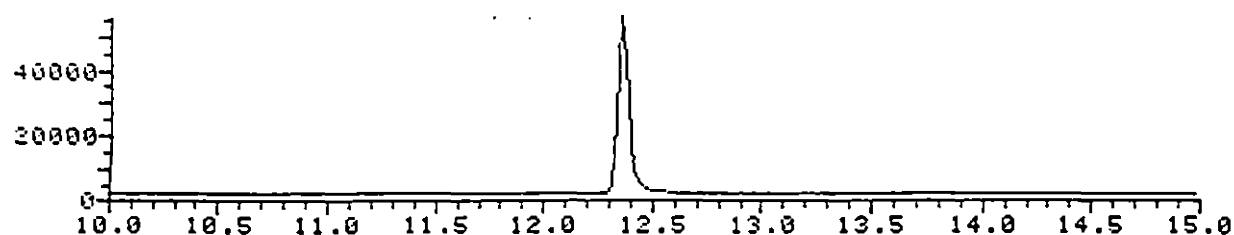
R-Global(3) = .5338

00.00

C11003

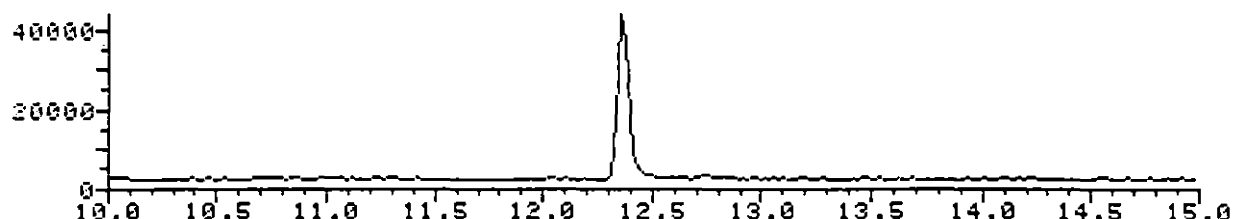
File >B3122 333.6-334.6 amu.2UL UT-3048

STAB.SP2330 180-1/3/275 SC



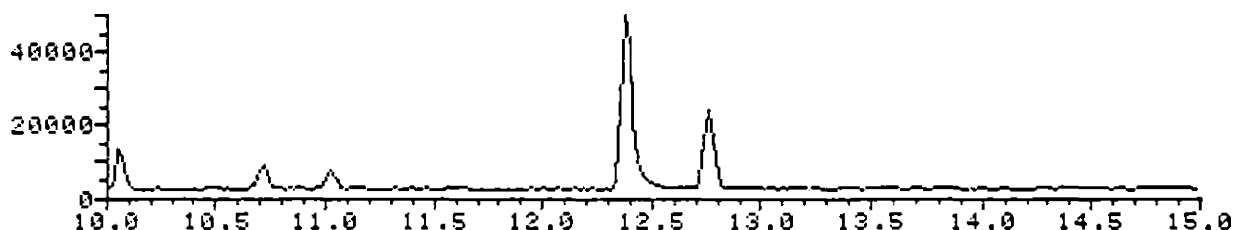
File >B3122 331.6-332.6 amu.2UL UT-3048

STAB.SP2330 180-1/3/275 SC



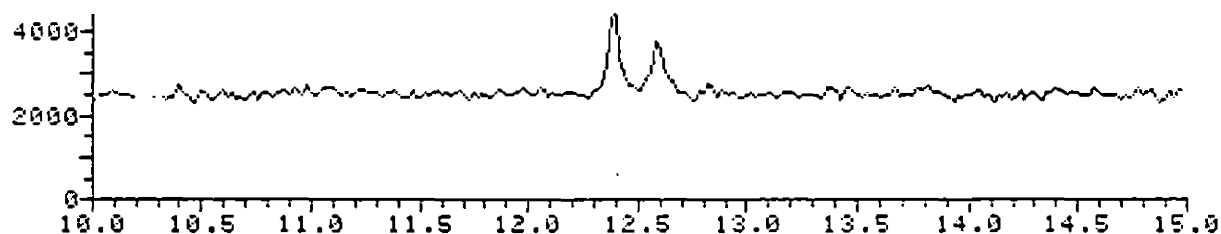
File >B3122 327.6-328.6 amu.2UL UT-3048

STAB.SP2330 180-1/3/275 SC



File >B3122 321.6-322.6 amu.2UL UT-3048

STAB.SP2330 180-1/3/275 SC



File >B3122 319.6-320.6 amu.2UL UT-3048

STAB.SP2330 180-1/3/275 SC



File >B3122 256.7-257.7 amu.2UL UT-3048

STAB.SP2330 180-1/3/275 SC



CONFIDENTIAL

00101

SUBJECT TO PROTECTIVE ORDER

C11004

MS data file header from 083122

Sample: 2UL UT-3048 Operator: ROY MS 11/05/84 3:45
Misc : STAB.SP2330 190-1/3/275 SCC BTL#55 BTL#55
Svs. #: 1 MS model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	252	256	268	16	192609	153953	100.00
2	12.355	252	256	268	16	192609	150769	97.93

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	252	256	266	14	159404	124292	100.00
2	12.355	252	256	266	14	159404	121688	97.90

332/334 CALCULATION

R-Global(0) = .8073

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	252	257	267	15	189083	149138	100.00
2	12.375	252	257	267	15	189083	145133	97.31

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	252	258	263	11	36775	9792	100.00
2	12.395	252	258	263	11	36775	8934	91.24

C11005

m/z = 319.9

76312.2

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	255	258	262	7	25072	7138	100.00
2	12.395	255	258	262	7	25072	6875	96.32

320/322 CALCULATION

R-Global(1) = .7290

m/z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	256	258	262	6	27295	5905	100.00
2	12.395	256	258	262	6	27295	5848	99.03

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .0608

(328)/(332 + 334) CALCULATION

R-Global(3) = .5357

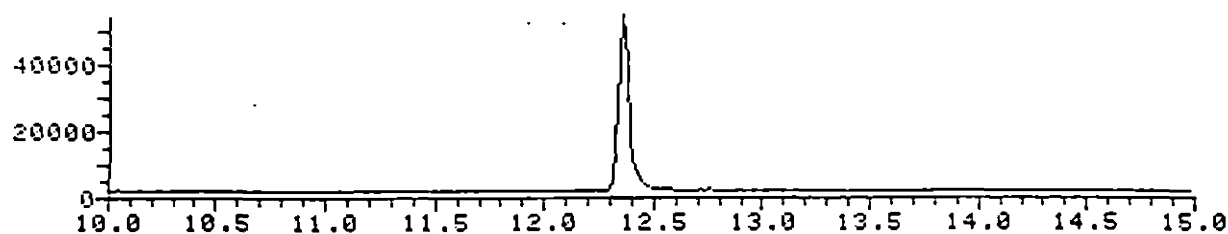
~~CONFIDENTIAL~~
SUBJECT TO PROTECTIVE ORDER

20100

C11006

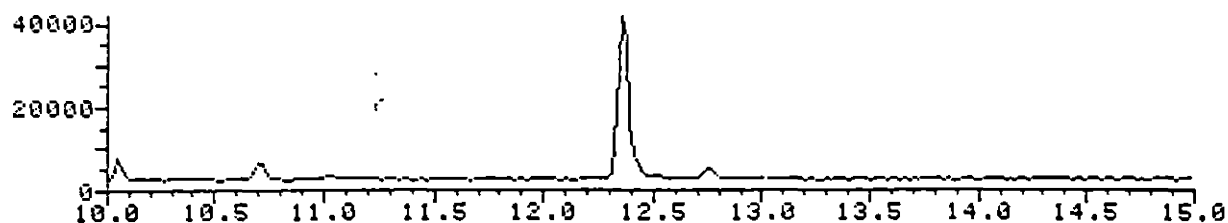
File >B3123 333.6-334.6 amu.2UL UT-3049

STAB.SP2330 200-1/3/250 RMN



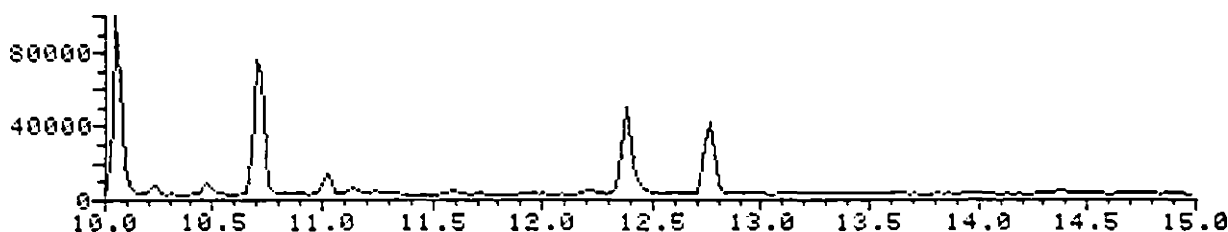
File >B3123 331.6-332.6 amu.2UL UT-3049

STAB.SP2330 200-1/3/250 RMN



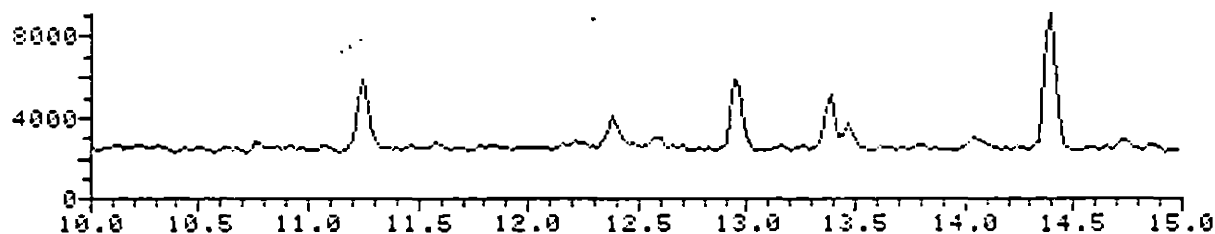
File >B3123 327.6-328.6 amu.2UL UT-3049

STAB.SP2330 200-1/3/250 RMN



File >B3123 321.6-322.6 amu.2UL UT-3049

STAB.SP2330 200-1/3/250 RMN



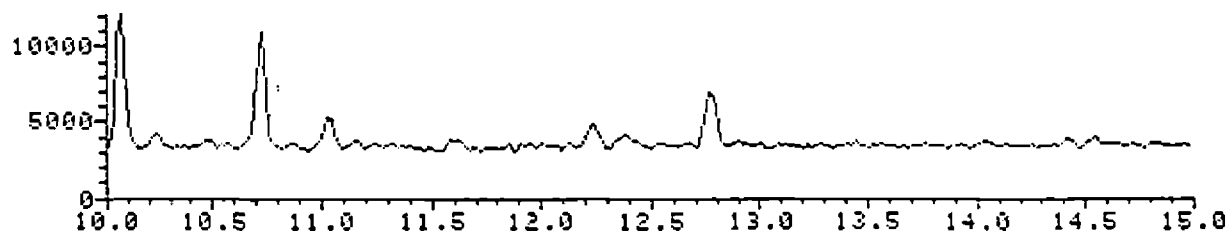
File >B3123 319.6-320.6 amu.2UL UT-3049

STAB.SP2330 200-1/3/250 RMN



File >B3123 256.7-257.7 amu.2UL UT-3049

STAB.SP2330 200-1/3/250 RMN



ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-11-2010 BY 60324
SUBJECT TO PROTECTIVE ORDER.

C11007

MS data file header from : B3123

Sample: 2UL 01-3049 Operator: ROY MS 11/05/84 4:05
Misc : STAB.SP2330 200-1/3/250 RWN BTL#57BTL#57
Sys. #: 1 MS model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

m/z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.354	250	256	272	22	206564	151916	100.00
2	12.354	250	256	272	22	206564	149012	98.09

m/z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.354	246	256	267	21	173310	125136	100.00
2	12.354	246	256	267	21	173310	119791	95.73

332/334 CALCULATION

R-Global(0) = .8237

m/z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	253	257	265	12	177485	145457	100.00
2	12.375	253	257	265	12	177485	141251	97.11

m/z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	253	257	264	11	36003	8151	100.00
2	12.375	253	257	264	11	36003	7634	93.66

~~CONFIDENTIAL~~
SUBJECT TO PROTECTIVE ORDER

C11008

00105

5

M/Z = 319.8

> 33123

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	254	257	265	11	34404	7014	100.00
2	12.375	254	257	265	11	34404	6865	97.98

320/322 CALCULATION

R-Global(1) = .8605

M/Z = 257.0

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.536	261	265	272	11	42210	4040	100.00
2	12.536	261	265	272	11	42210	3308	81.98

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .0547

(328)/(332 + 334) CALCULATION

R-Global(3) = .5248

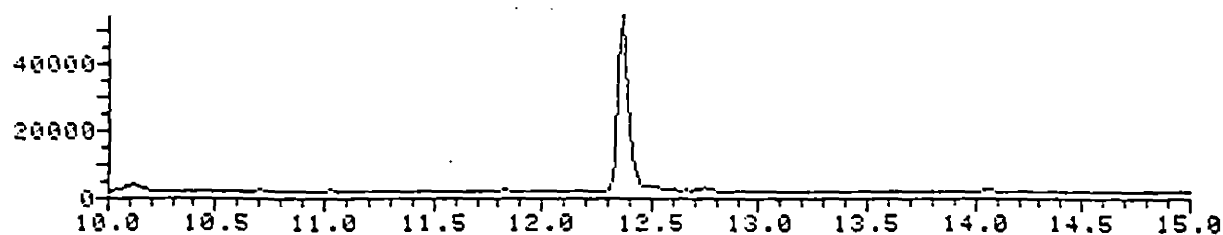
CONFIDENTIAL
 SUBJECT TO PROTECTIVE ORDER

00100

C11009

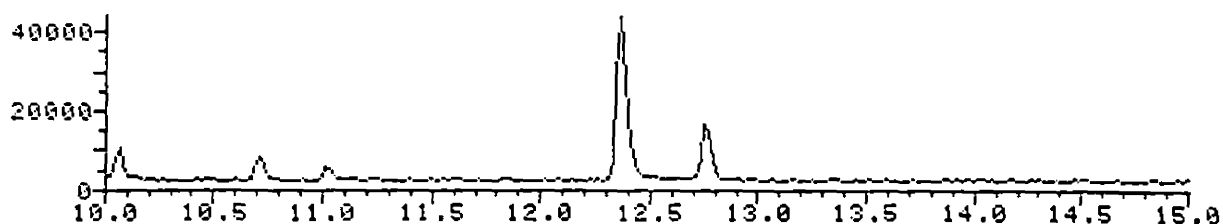
File >B3124 333.6-334.6 amu.2UL UT-3050

STAB.SP2330 200-1/3/250 RWN



File >B3124 331.6-332.6 amu.2UL UT-3050

STAB.SP2330 200-1/3/250 RWN



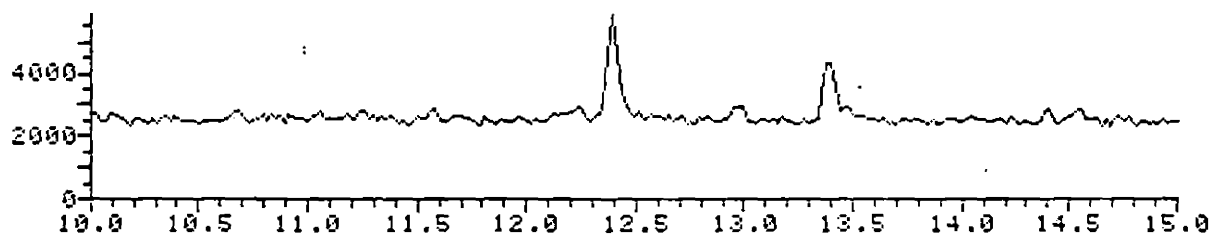
File >B3124 327.6-328.6 amu.2UL UT-3050

STAB.SP2330 200-1/3/250 RWN



File >B3124 321.6-322.6 amu.2UL UT-3050

STAB.SP2330 200-1/3/250 RWN



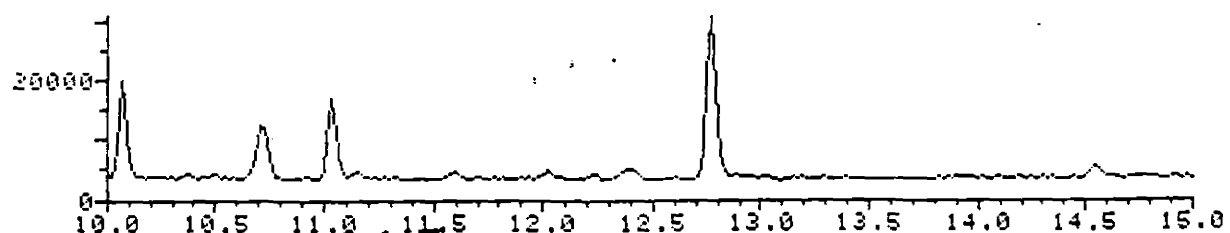
File >B3124 319.6-320.6 amu.2UL UT-3050

STAB.SP2330 200-1/3/250 RWN



File >B3124 256.7-257.7 amu.2UL UT-3050

STAB.SP2330 200-1/3/250 RWN



SUBJECT TO PROTECTIVE ORDER

00137

C11010

00 data file header from 083124

Sample JOL UT 5050 Operator ROY MS 11/05/84 4 23
Misc STAB.SP2330 200-1/3/250 RWN BTL#59BTL#59
Svs. #: 1 MS Model: 87 SW/HW rev: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

m/z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.368	255	260	272	17	191246	148933	100.00
2	12.368	255	260	272	17	191246	145779	97.98

m/z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.368	254	260	271	17	163470	122432	100.00
2	12.368	254	260	271	17	163470	119117	97.29

332/334 CALCULATION

R-Global(0) = .8221

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

m/z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.389	257	261	268	11	177366	145587	100.00
2	12.389	257	261	268	11	177366	141511	97.20

m/z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.389	256	261	269	13	46073	13833	100.00
2	12.389	256	261	269	13	46073	13027	94.17

00008

C11011

5

m/z = 314.9

7:33:24

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.389	258	261	267	9	34662	11153	100.00
2	12.389	258	261	267	9	34662	10803	96.78

320/322 CALCULATION

R-Global(1) = .8070

m/z = 257.0

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.389	257	261	267	10	46154	10304	100.00
2	12.389	257	261	267	10	46154	10209	99.08

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .0921

(328)/(332 + 334) CALCULATION

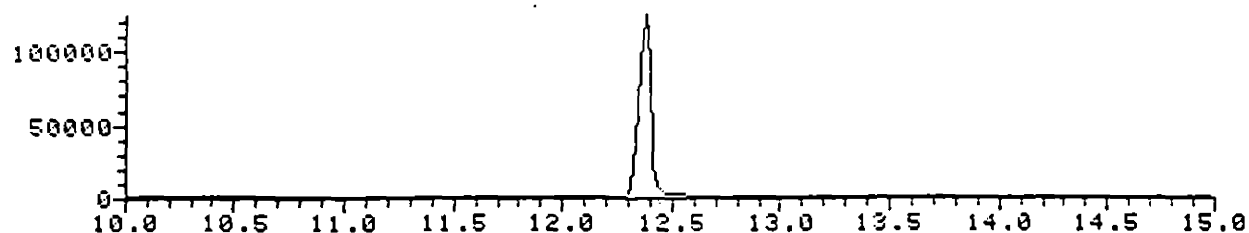
R-Global(3) = .5360

5-11-11 L
 SUBJECT TO PROTECTIVE ORDER

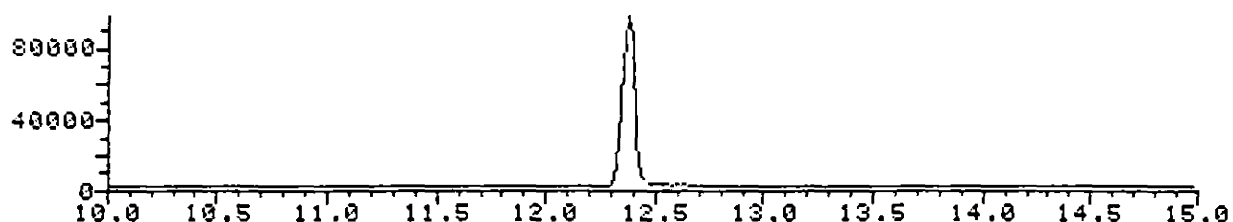
00103

C11012

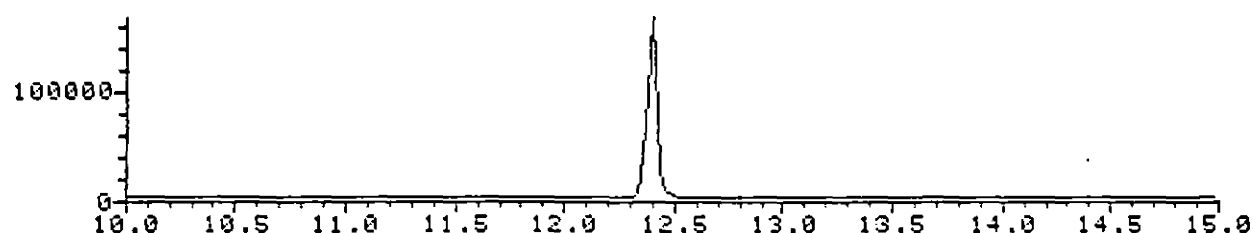
File >B3125 333.6-334.6 amu.2UL 10.02/.48/.20 SP2330 200-1/3/250 GT BT



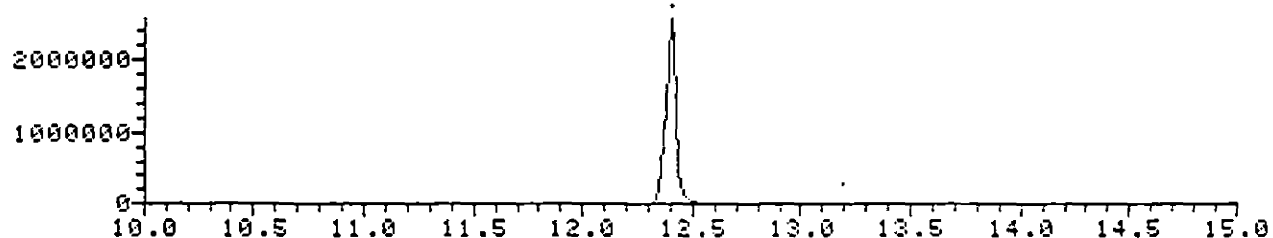
File >B3125 331.6-332.6 amu.2UL 10.02/.48/.20 SP2330 200-1/3/250 GT BT



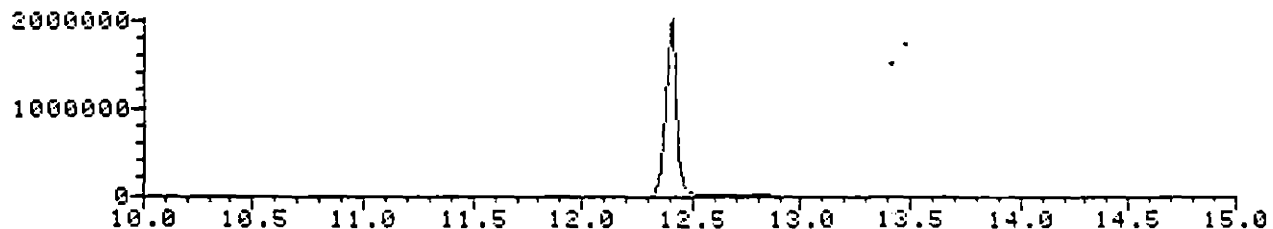
File >B3125 327.6-328.6 amu.2UL 10.02/.48/.20 SP2330 200-1/3/250 GT BT



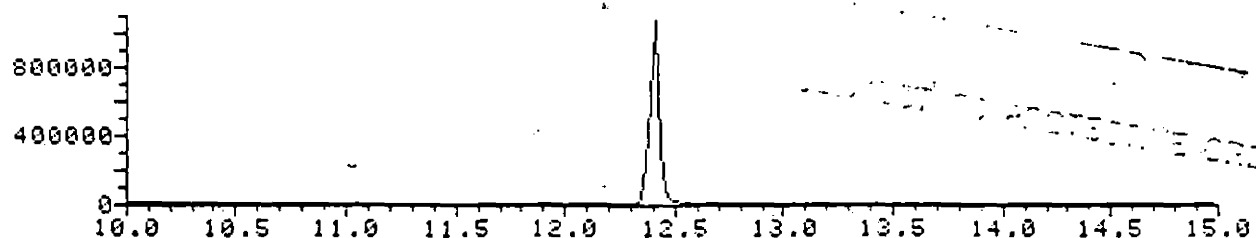
File >B3125 321.6-322.6 amu.2UL 10.02/.48/.20 SP2330 200-1/3/250 GT BT



File >B3125 319.6-320.6 amu.2UL 10.02/.48/.20 SP2330 200-1/3/250 GT BT



File >B3125 256.7-257.7 amu.2UL 10.02/.48/.20 SP2330 200-1/3/250 GT BT



RECEIVED
FBI LABORATORY
JAN 11 1991

00010

C11013

MS data file header from : >B3125

Sample: 2UL 10.02/48/20 Operator: ROY MS 11/05/84 4:47
Misc : SP2330 200-1/3/250 GT BTL#17 BTL#17
Svs. #: 1 MS-model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 248 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	250	257	268	18	424578	380406	100.00
2	12.375	250	257	268	18	424578	376518	98.98

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	252	257	267	15	352807	314857	100.00
2	12.375	252	257	267	15	352807	311812	99.03

332/334 CALCULATION

R-Global(0) = .8277

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	250	258	268	18	522373	475141	100.00
2	12.395	250	258	268	18	522373	468535	98.61

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

C11014

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	252	258	270	18	7572890	7529474	100.00
2	12.395	252	258	270	18	7572890	7443425	98.86

5

703125

m/z = 319.9

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.415	253	259	274	21	6226951	6175942	100.00
2	12.415	253	259	274	21	6226951	6118413	99.07

320/322 CALCULATION

R-Global(1) = .8202

m/z = 257.0

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.415	253	259	279	26	3075655	2991051	100.00
2	12.415	253	259	279	26	3075655	2968600	99.25

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = 19.7126

(328)/(332 + 334) CALCULATION

R-Global(3) = .5859

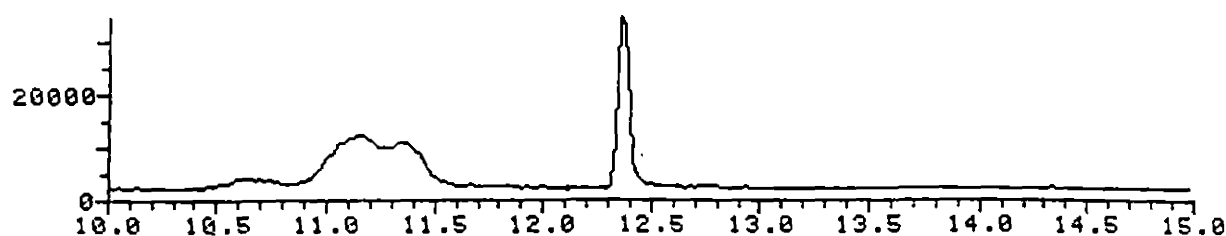
C11015

SUBJECT TO PATENT ORDER

00110

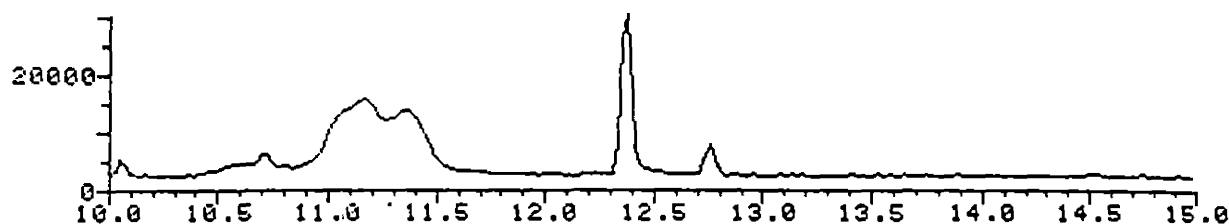
File >B3126 333.6-334.6 amu.2UL UT-3051

STAB.SP2330 200-1/3/250 RWN



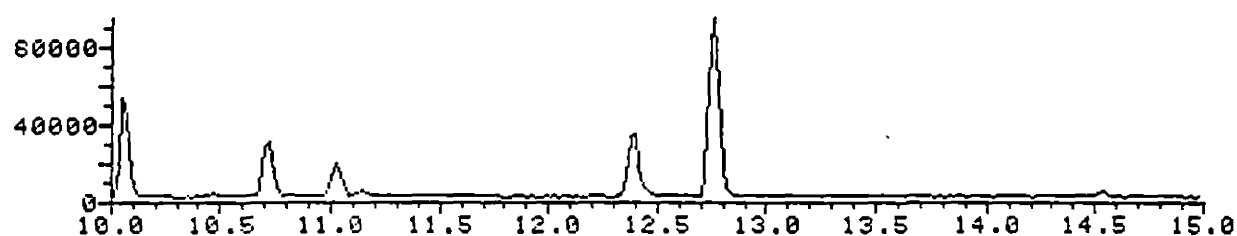
File >B3126 331.6-332.6 amu.2UL UT-3051

STAB.SP2330 200-1/3/250 RWN



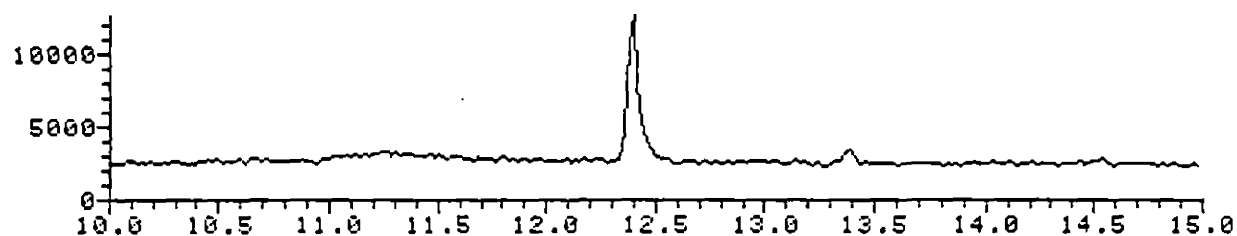
File >B3126 327.6-328.6 amu.2UL UT-3051

STAB.SP2330 200-1/3/250 RWN



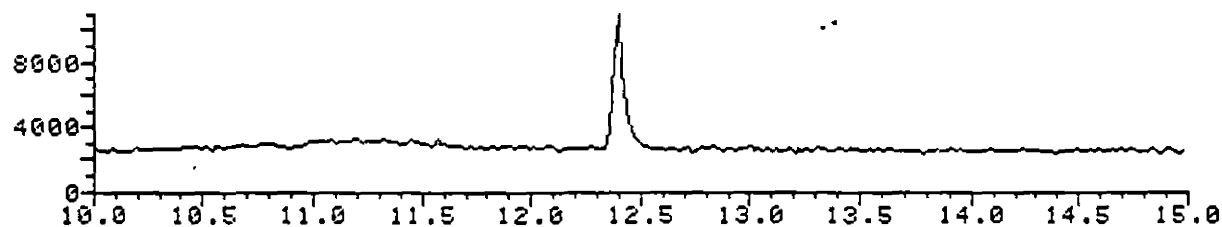
File >B3126 321.6-322.6 amu.2UL UT-3051

STAB.SP2330 200-1/3/250 RWN



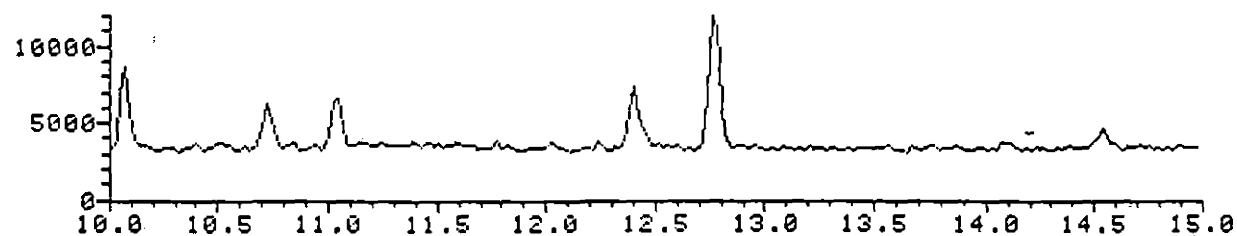
File >B3126 319.6-320.6 amu.2UL UT-3051

STAB.SP2330 200-1/3/250 RWN



File >B3126 256.7-257.7 amu.2UL UT-3051

STAB.SP2330 200-1/3/250 RWN



CONFIDENTIAL 00113

SUBJECT TO PROTECTIVE ORDER

C11016

Sample: 2UL UT-3051 Operator: ROY MS 11/05/04 5:10
Misc : STAB.SP2330 200-1/3/250 RWN BTL#63BTL#63
Svs. #: 1 MS model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures :	0.	0.	0.	0.	0.
Chromatographic times, min. :	0.0	0.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	0.0	0.0	0.0	0.0	0.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	N.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	251	256	265	14	134268	100360	100.00
2	12.355	251	256	265	14	134268	95915	95.57

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	253	257	267	14	120926	83700	100.00
2	12.375	253	257	267	14	120926	82496	98.56

```
R-Global( 0) = .8340
```

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.396	253	258	266	13	138628	104724	100.00
2	12.396	253	258	266	13	138628	101357	96.78

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

C11017

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.396	253	258	268	15	74495	36350	100.00
2	12.396	253	258	268	15	74495	35420	97.44

5
M/Z = 319.9

733126

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.396	253	258	266	13	61532	27784	100.00
2	12.396	253	258	266	13	61532	27576	99.25

320/322 CALCULATION

R-Global(1) = .7643

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.396	253	258	264	11	54128	17421	100.00
2	12.396	253	258	264	11	54128	15303	87.84

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .3484

(329)/(332 + 334) CALCULATION

R-Global(3) = .5672

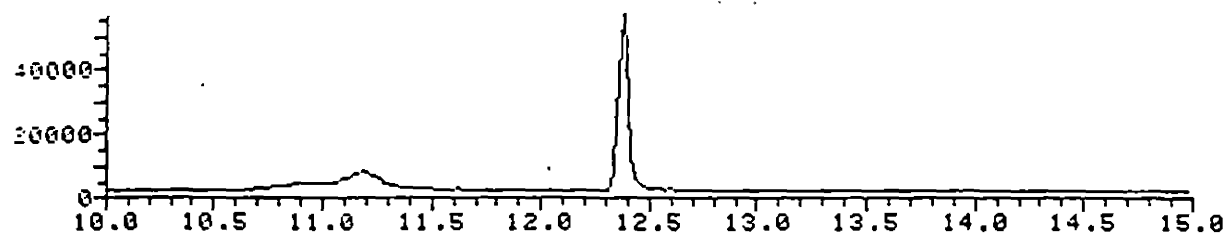
ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11-11-2010 BY 60322 UCBAW

C11018

2011

>B3127 333.6-334.6 amu.2UL UT-3052

SP2330 200-1/3/250 RWH BT



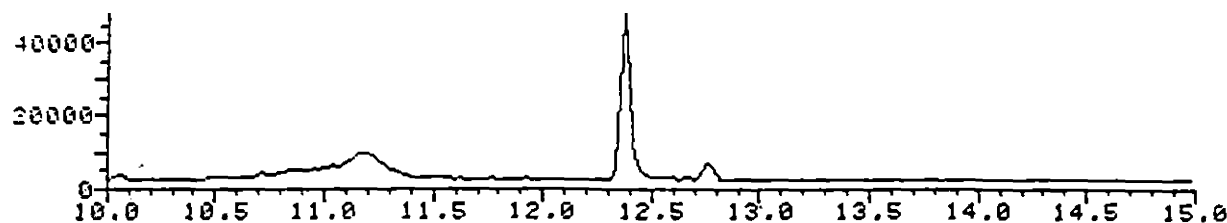
15/04 5:29

1s: 2
0

0.
0.0
0.0

>B3127 331.6-332.6 amu.2UL UT-3052

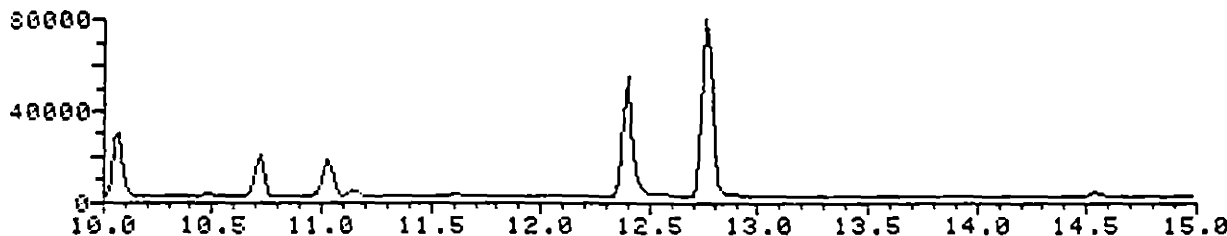
SP2330 200-1/3/250 RWH BT



rr.
%
1.00
.03

>B3127 327.6-328.6 amu.2UL UT-3052

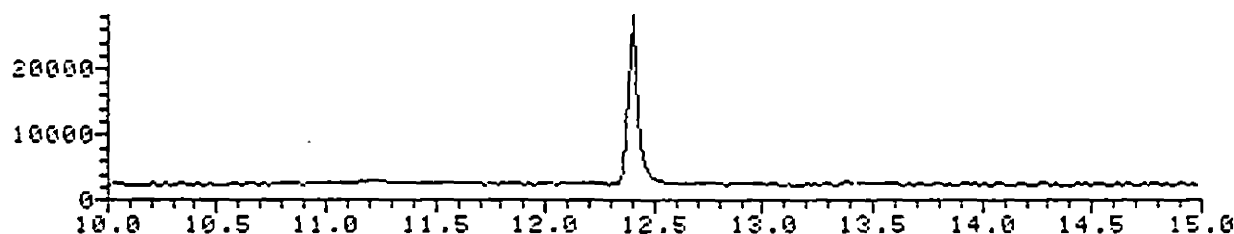
SP2330 200-1/3/250 RWH BT



rr.
%
.00
.16

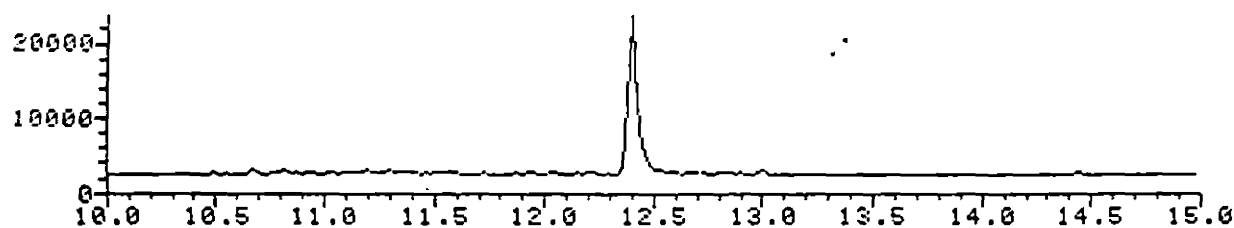
>B3127 321.6-322.6 amu.2UL UT-3052

SP2330 200-1/3/250 RWH BT



>B3127 319.6-320.6 amu.2UL UT-3052

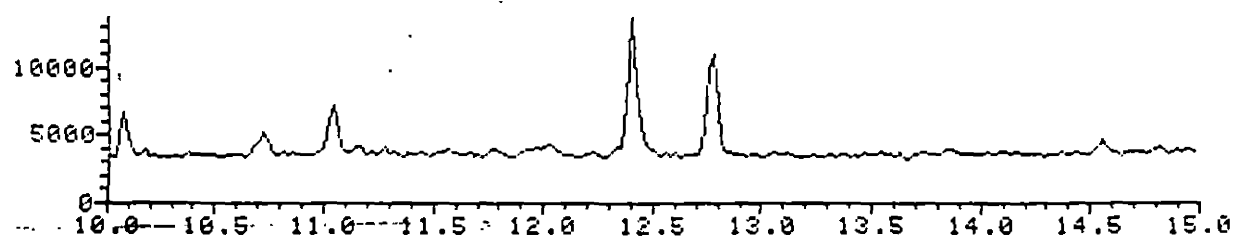
SP2330 200-1/3/250 RWH BT



rr.
%
.00
.04

>B3127 256.7-257.7 amu.2UL UT-3052

SP2330 200-1/3/250 RWH BT



rr.
%
.00
.85

VE ORDER

1.00 TO 1.00

00116

C11019

S

m/z = 319.9

7133127

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	K.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	255	258	266	11	88479	59021	100.00
2	12.395	255	258	266	11	88479	58328	98.83

320/322 CALCULATION

R-Global(1) = .7939

m/z = 257.0

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	K.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	252	258	265	13	77888	34156	100.00
2	12.395	252	258	265	13	77888	33506	98.10

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .4940

(329)/(332 + 334) CALCULATION

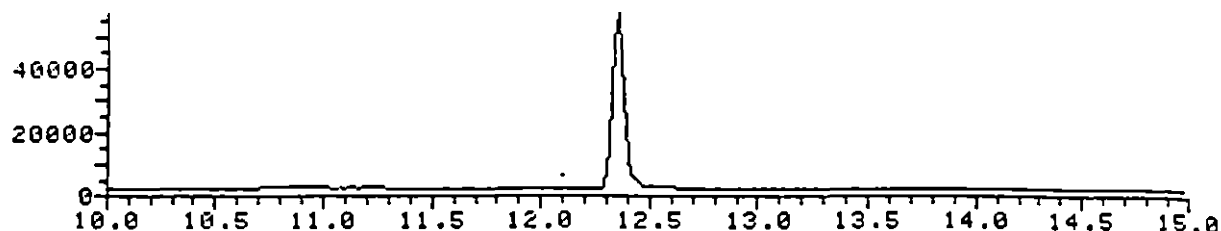
R-Global(3) = .5416

11/11/77 11:11:11

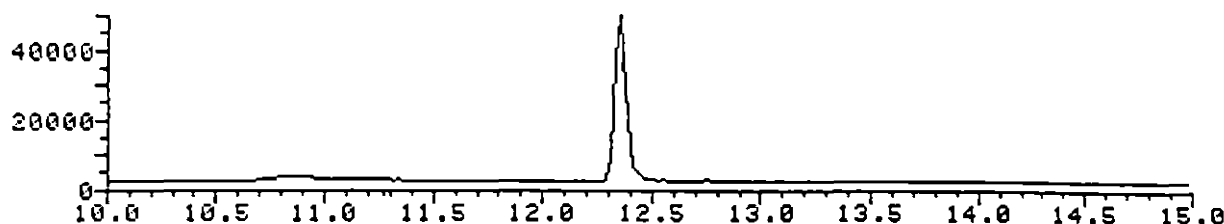
00118

C11021

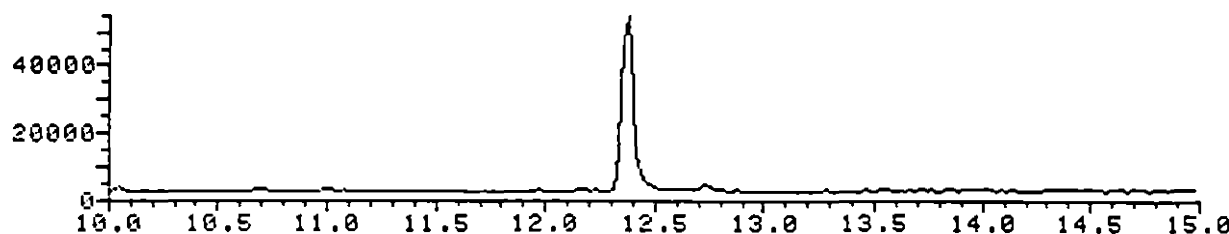
SP2330 200-1/3/250 RUN BT



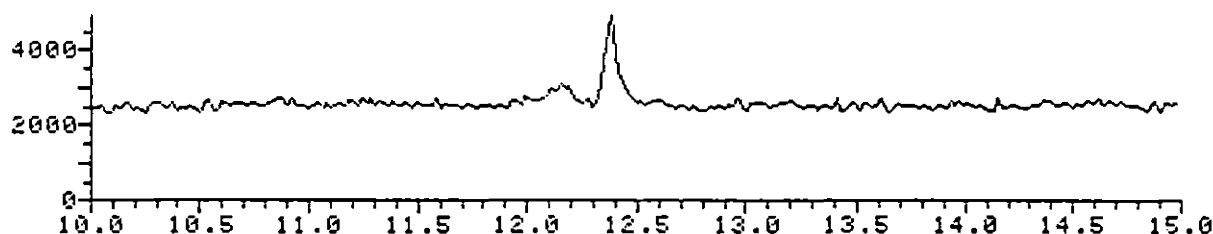
SP2330 200-1/3/250 RWN BT



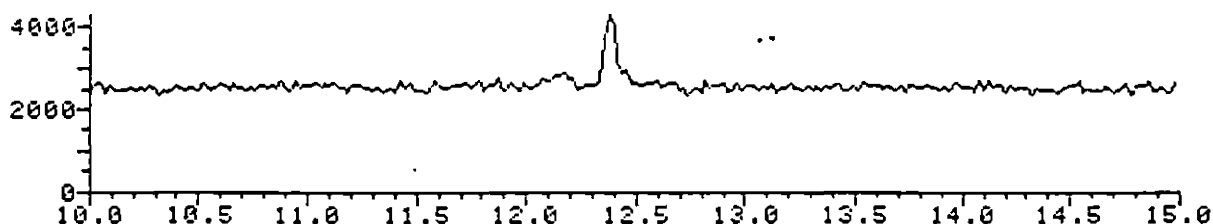
SP2330 200-1/3/250 RWN BT



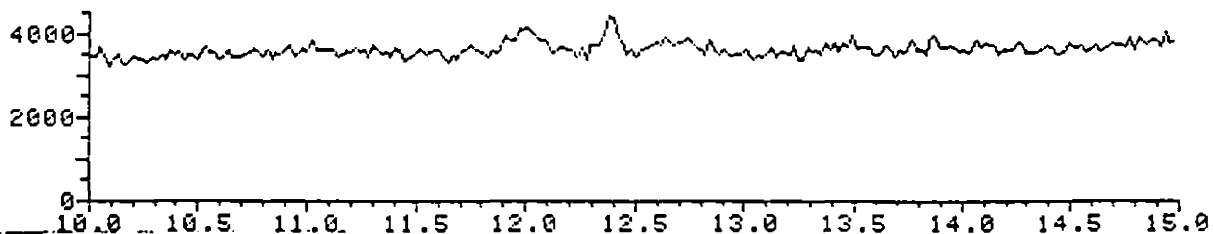
SF2330 200-1/3/250 RWN BT



SP2330 200-1/3/250 RWN BT



3P2330 200-1/3/250 RWN BT



CC: 10.0 10.5 11.0 11

004.2

SUBJECT TO FBI TECHNICAL OFFER.

C11022

MS data file header from : >B3128

Sample: 2UL UT-3053 Operator: ROY MS 11/05/84 15:49...
Misc : SP2330 200-1/3/250 RWN BTL#67 BTL#67
Sys. #: 1 MS model: 87 SW/HW rev.: CR ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	250	256	266	16	208609	166849	100.00
2	12.355	250	256	266	16	208609	162753	97.55

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	248	256	268	20	191713	137753	100.00
2	12.355	248	256	268	20	191713	135873	98.64

332/334 CALCULATION

R-Global(0) = .8256

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	252	257	267	15	208463	164288	100.00
2	12.375	252	257	267	15	208463	162443	98.88

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	255	257	260	5	22714	7064	100.00
2	12.375	255	257	260	5	22714	7046	99.75

C11023

S

M/Z = 319.9

> B 3128

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	251	257	264	13	42215	8896	100.00
2	12.375	251	257	264	13	42215	8636	97.08

320/322 CALCULATION

R-Global(1) = 1.2593

M/Z = 257.0

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	252	257	263	11	46064	8719	100.00
2	12.375	252	257	263	11	46064	8526	97.79

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .0524

(328)/(332 + 334) CALCULATION

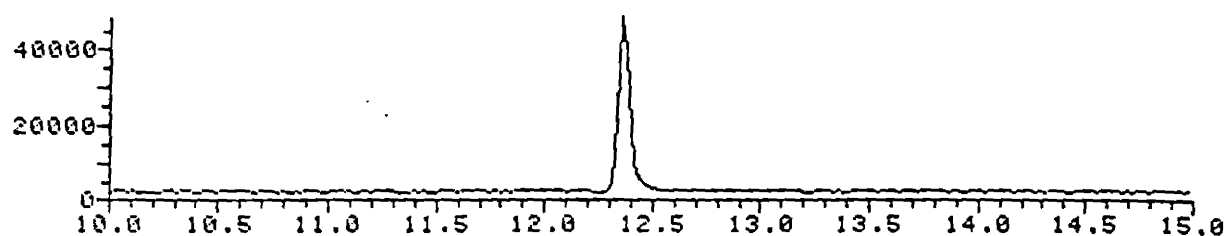
R-Global(3) = .5391

C0121

C11024

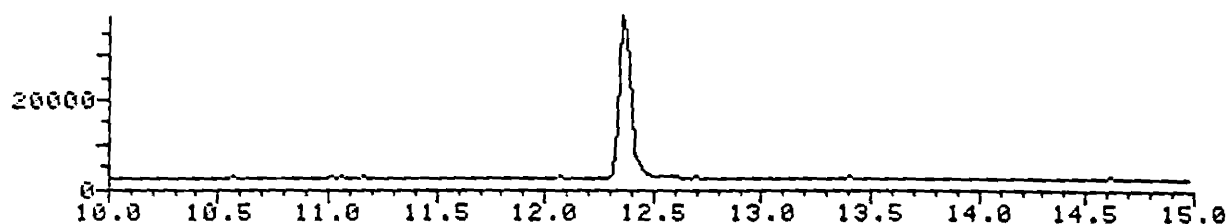
File >B3129 333.6-334.6 amu.2UL UT-3054

SP2330 200-1/3/250 RWN BT



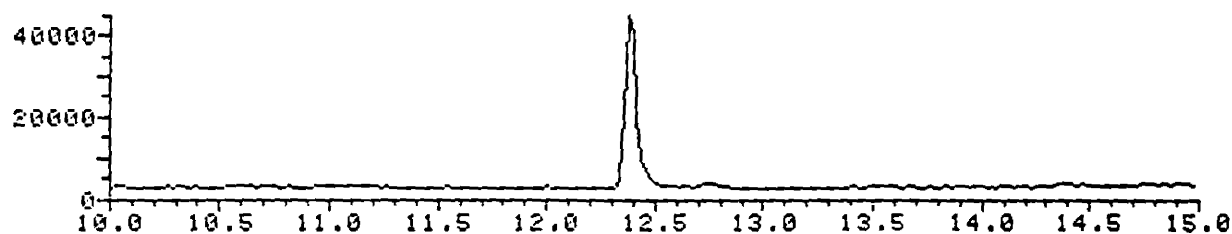
File >B3129 331.6-332.6 amu.2UL UT-3054

SP2330 200-1/3/250 RWN BT



File >B3129 327.6-328.6 amu.2UL UT-3054

SP2330 200-1/3/250 RWN BT



File >B3129 321.6-322.6 amu.2UL UT-3054

SP2330 200-1/3/250 RWN BT



File >B3129 319.6-320.6 amu.2UL UT-3054

SP2330 200-1/3/250 RWN BT



File >B3129 256.7-257.7 amu.2UL UT-3054

SP2330 200-1/3/250 RWN BT



SUBJECT PROTECTIVE ORDER

00422

C11025

MS data file header from : >B3129

Sample: 2UL UT-3054 Operator: ROY MS 11/05/84
Misc : SP2330 200-1/3/250 RWN BTL#69 BTL#69
Sys. #: 1 MS model: 87 SW/HW rev.: CA ALS # : 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp. :

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	252	256	270	18	186388	142756	100.00
2	12.355	252	256	270	18	186388	139030	97.39

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.355	252	256	268	16	155143	117207	100.00
2	12.355	252	256	268	16	155143	113935	97.21

332/334 CALCULATION

R-Global(0) = .8210

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	245	257	269	24	204193	132505	100.00
2	12.375	245	257	269	24	204193	132193	99.76

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	255	258	262	7	26293	7995	100.00
2	12.395	255	258	262	7	26293	7288	91.16

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

00123 C11026

S

> B3129

M/Z = 319.9

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	254	258	271	17	50710	9468	100.00
2	12.395	254	258	271	17	50710	9417	99.46

320/322 CALCULATION

R-Global(1) = 1.1842

M/Z = 257.0

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	0.000	272	0	271	-1	0	3897	100.00
2	0.000	272	0	271	-1	0	3897	100.00

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .0672

(328)/(332 + 334) CALCULATION

R-Global(3) = .5094

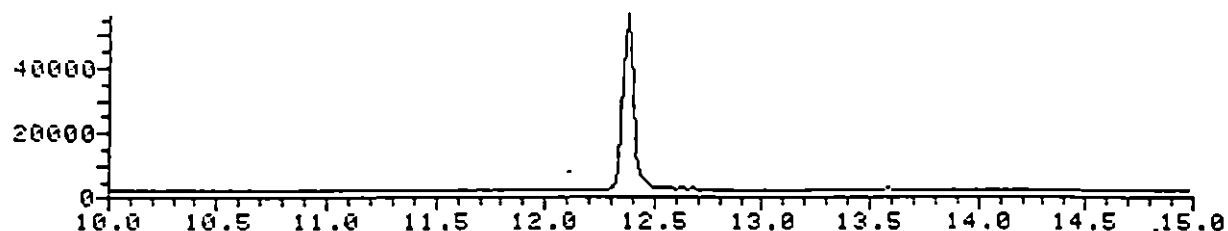
SUBJECT TO PROTECTIVE ORDER.

00174

C11027

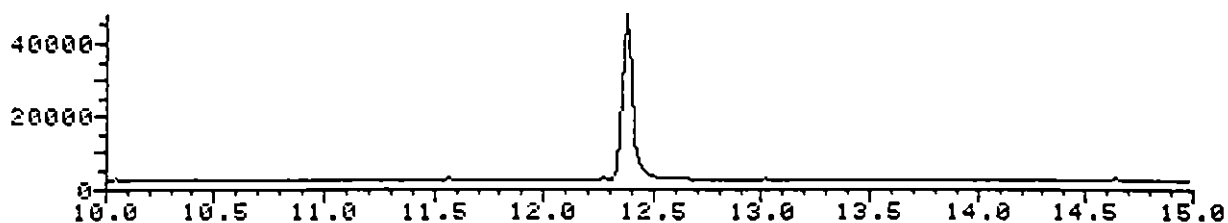
File >B3130 333.6-334.6 amu.2UL UT-3055

SP2330 200-1/3/250 RWN BT



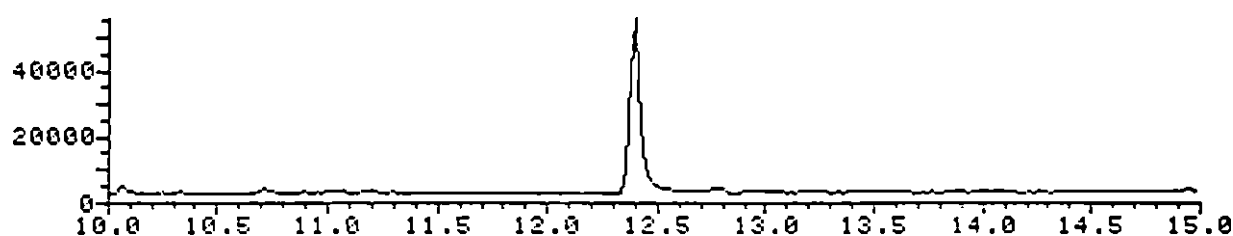
File >B3130 331.6-332.6 amu.2UL UT-3055

SP2330 200-1/3/250 RWN BT



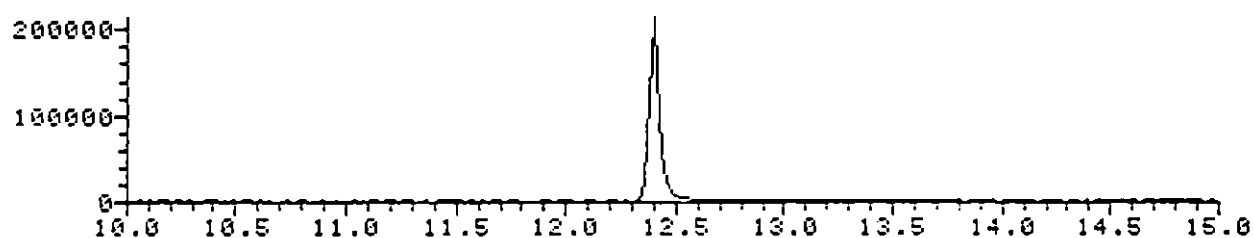
File >B3130 327.6-328.6 amu.2UL UT-3055

SP2330 200-1/3/250 RWN BT



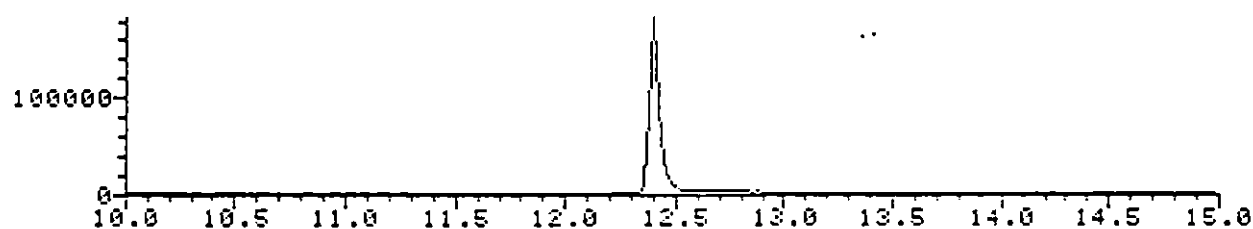
File >B3130 321.6-322.6 amu.2UL UT-3055

SP2330 200-1/3/250 RWN BT



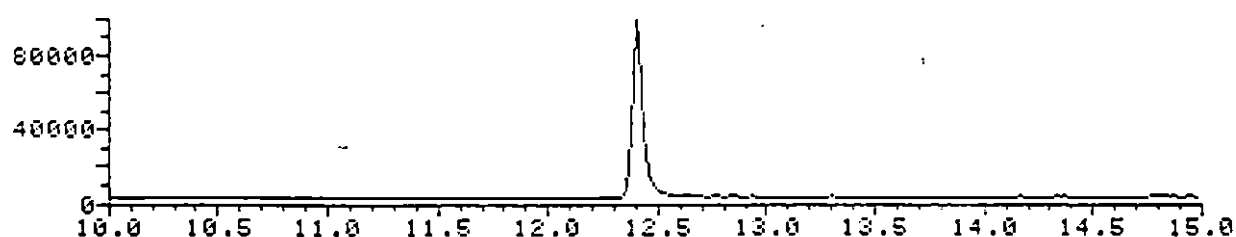
File >B3130 319.6-320.6 amu.2UL UT-3055

SP2330 200-1/3/250 RWN BT



File >B3130 256.7-257.7 amu.2UL UT-3055

SP2330 200-1/3/250 RWN BT



00105

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

C11028

MS data file header from : >B3130

Sample: 2UL UT-3055 Operator: ROY MS 11/05/84 6:29...
Misc : SP2330 200-1/3/250 RWN BTL#71 BTL#71
Sys. #: 1 MS model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	251	257	269	18	199421	152945	100.00
2	12.375	251	257	269	18	199421	149318	97.63

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	251	257	268	17	169442	127707	100.00
2	12.375	251	257	268	17	169442	124009	97.10

332/334 CALCULATION

R-Global(0) = .8350

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	252	258	269	17	207880	159787	100.00
2	12.395	252	258	269	17	207880	155741	97.47

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	253	258	274	21	670010	618539	100.00
2	12.395	253	258	274	21	670010	607409	98.20

CONFIDENTIAL C11025

SUBJECT TO PROTECTIVE ORDER

C11029

S

> 83130

M/Z = 319.9

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	252	258	268	16	554384	513920	100.00
2	12.395	252	258	268	16	554384	500472	97.38

(320/322) CALCULATION

R-Global(1) = .8309

M/Z = 257.0

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	251	258	271	20	364735	290935	100.00
2	12.395	251	258	271	20	364735	285515	98.14

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = 4.0351

(328)/(332 + 334) CALCULATION

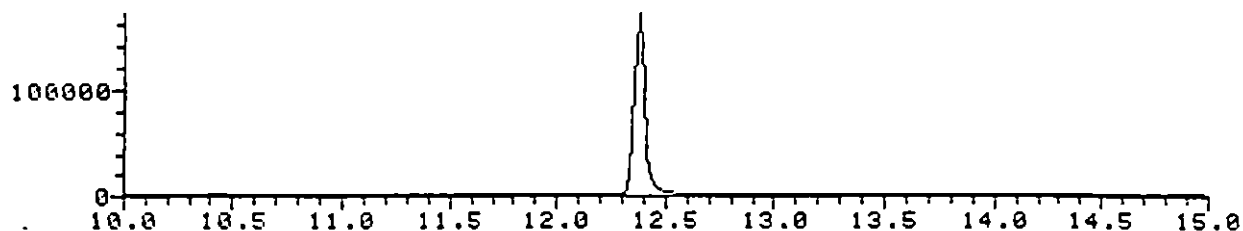
R-Global(3) = .5495

00127

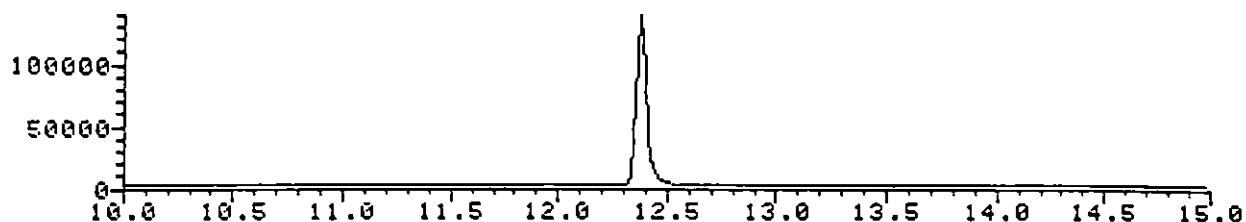
~~CONFIDENTIAL~~
 SUBJECT TO PROTECTIVE ORDER

C11030

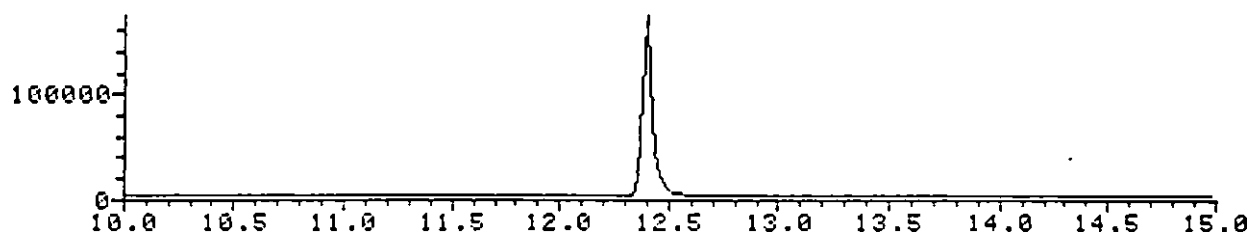
File >B3131 333.6-334.6 amu.2UL .2504/.48/.20 SP2330 200-1/3/250 GT BT



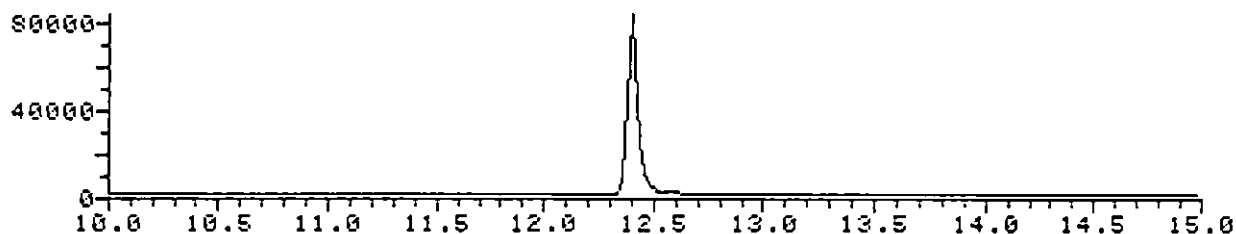
File >B3131 331.6-332.6 amu.2UL .2504/.48/.20 SP2330 200-1/3/250 GT BT



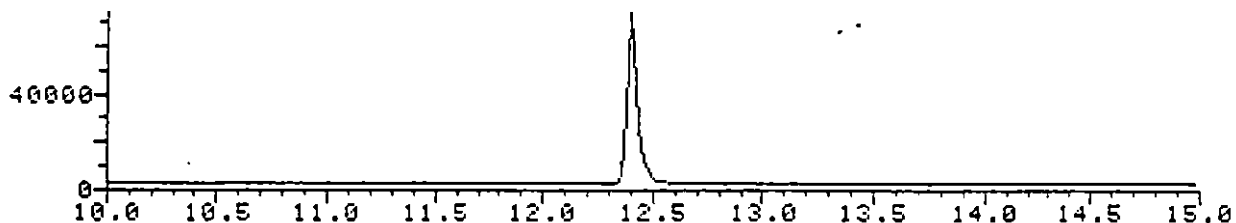
File >B3131 327.6-328.6 amu.2UL .2504/.48/.20 SP2330 200-1/3/250 GT BT



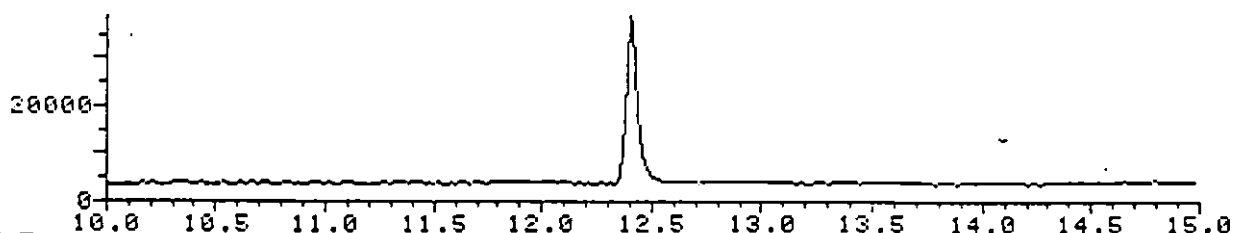
File >B3131 321.6-322.6 amu.2UL .2504/.48/.20 SP2330 200-1/3/250 GT BT



File >B3131 319.6-320.6 amu.2UL .2504/.48/.20 SP2330 200-1/3/250 GT BT



File >B3131 256.7-257.7 amu.2UL .2504/.48/.20 SP2330 200-1/3/250 GT BT



CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

00128

C11031

MS data file header from : >B3131

Sample: 2UL .2504/.48/.20 Operator: ROY MS 11/05/84 6:52
Misc : SP2330 200-1/3/250 GT BTL#29 BTL#29
Sys. #: 1 MS model: 87 SW/HW rev.: CA ALS # : 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 248 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.376	250	257	270	20	524902	470402	100.00
2	12.376	250	257	270	20	524902	461832	98.18

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.376	252	257	271	19	433748	384082	100.00
2	12.376	252	257	271	19	433748	379313	98.76

332/334 CALCULATION

R-Global(0) = .8165

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.396	252	258	271	19	550359	492295	100.00
2	12.396	252	258	271	19	550359	484552	98.43

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.396	252	258	275	23	303091	246281	100.00
2	12.396	252	258	275	23	303091	241037	97.87

CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

00409

C11032

S

M/Z = 319.9

> 83131

First peak is baseline drop corrected area.

Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.396	250	258	274	24	275452	214564	100.00
2	12.396	250	258	274	24	275452	212416	99.00

320/322 CALCULATION

R-Global(1) = .8712

M/Z = 257.0

First peak is baseline drop corrected area.

Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.396	253	258	269	16	174909	116653	100.00
2	12.396	253	258	269	16	174909	112437	96.39

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .5393

(328)/(332 + 334) CALCULATION

R-Global(3) = .5735

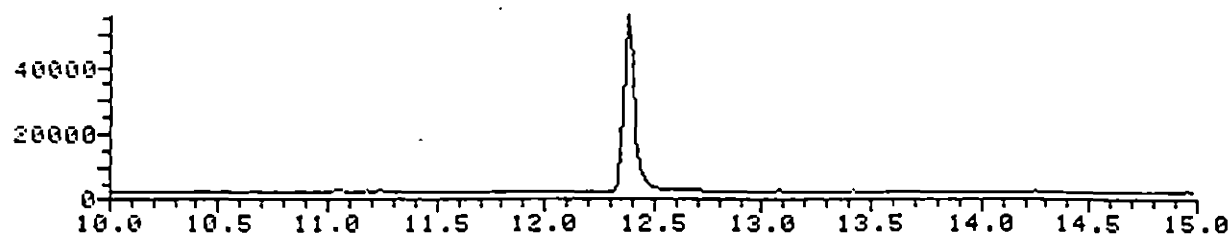
CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

00430

C11033

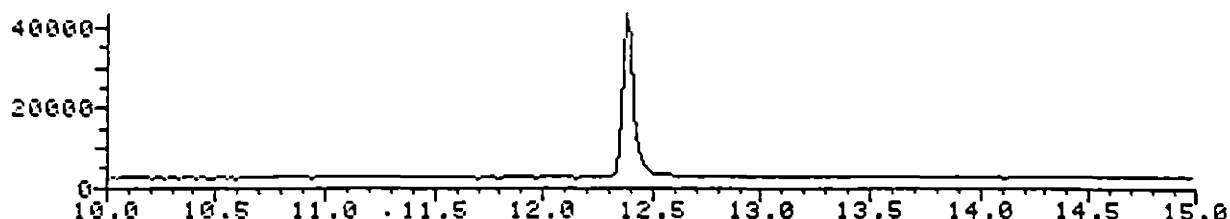
File >B3132 333.6-334.6 amu.2UL UT-3056

SP2330 200-1/3/250 RWN BT



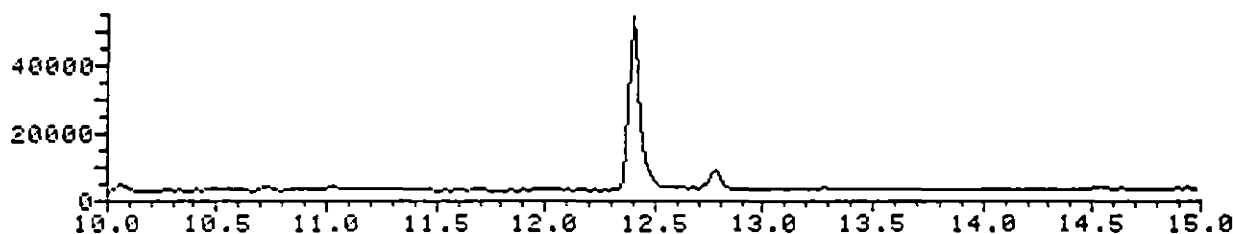
File >B3132 331.6-332.6 amu.2UL UT-3056

SP2330 200-1/3/250 RWN BT



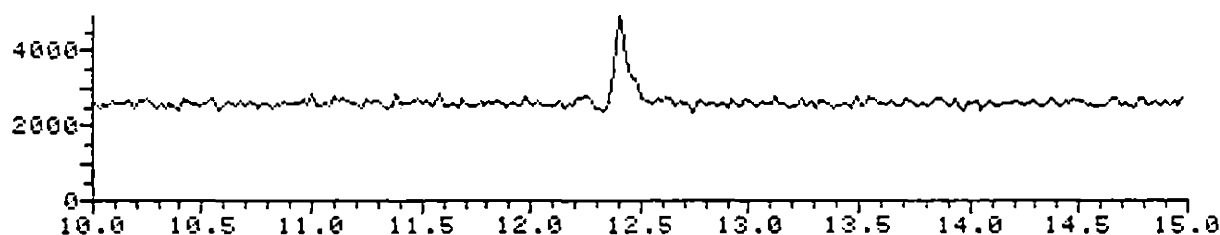
File >B3132 327.6-328.6 amu.2UL UT-3056

SP2330 200-1/3/250 RWN BT



File >B3132 321.6-322.6 amu.2UL UT-3056

SP2330 200-1/3/250 RWN BT



File >B3132 319.6-320.6 amu.2UL UT-3056

SP2330 200-1/3/250 RWN BT



File >B3132 256.7-257.7 amu.2UL UT-3056

SP2330 200-1/3/250 RWN BT



CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

00131

C11034

MS data file reader from : 083132

Sample: 2UL UT-3056 Operator: ROY MS 11/05/84 7:14
Misc : SP2330 200-1/3/250 RWN BTL=75 BTL=75
Sys. #: 1 MS model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APE101 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times. min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate. deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 332.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	252	257	270	18	203827	155119	100.00
2	12.375	252	257	270	18	203827	152275	38.17

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.375	250	257	270	20	180942	130522	100.00
2	12.375	250	257	270	20	180942	126722	97.09

332/334 CALCULATION

R-Global(0) = .8414

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.395	252	258	270	18	223935	170043	100.00
2	12.395	252	258	270	18	223935	163887	35.38

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
--------	-----------	------------	----------	-----------	------------	----------	------------	---------

CONFIDENTIAL 00032
SUBJECT TO PROTECTIVE ORDER

C11035

001111

00133

SUBJECT TO PROTECTIVE ORDER.

C11036

> @3.3132

2	12.005	255	256	262	7	28519	11631	106.00
2	12.005	255	256	262	7	28519	6873	75.00

763132

S
M/Z = 319.3

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.415	256	259	268	12	40070	8998	100.00
2	12.415	256	259	268	12	40070	2492	94.46

320/322 CALCULATION

R-Global(1) = .7599

M/Z = 257.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.415	254	259	266	12	54041	7781	100.00
2	12.415	254	259	266	12	54041	7553	97.07

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .0729

(328)/(332 + 334) CALCULATION

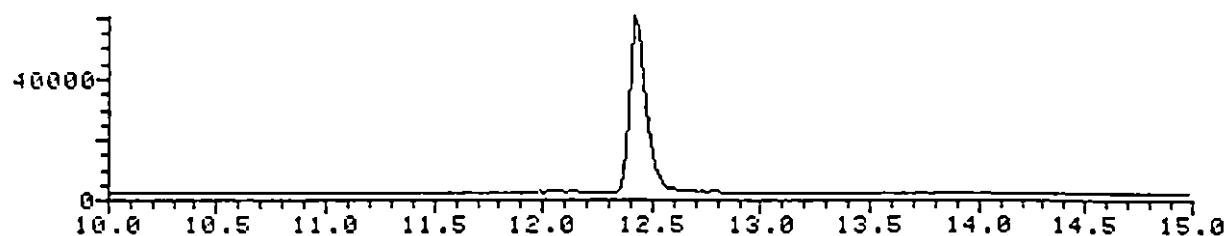
R-Global(3) = .5949

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11-11-2001 BY 60322 UCBAW
EXCEPT TO PROTECTIVE ORDER 134

C11037

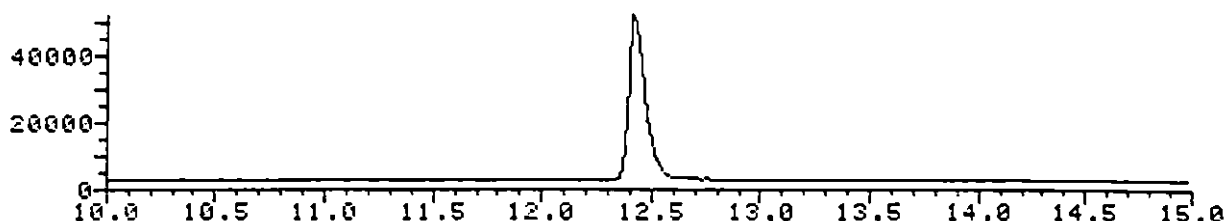
File >B3133 333.6-334.6 amu.2UL UT-3057

SP2330 200-1/3/250 RWN BT



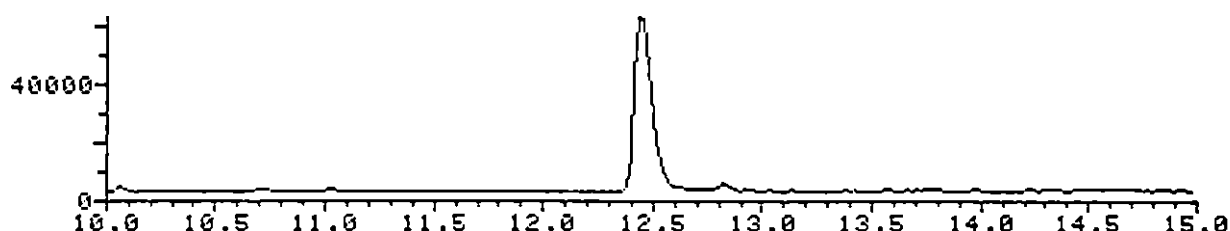
File >B3133 331.6-332.6 amu.2UL UT-3057

SP2330 200-1/3/250 RWN BT



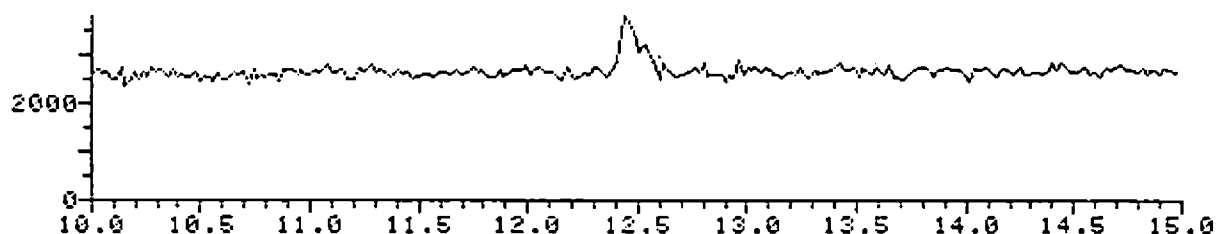
File >B3133 327.6-328.6 amu.2UL UT-3057

SP2330 200-1/3/250 RWN BT



File >B3133 321.6-322.6 amu.2UL UT-3057

SP2330 200-1/3/250 RWN BT



File >B3133 319.6-320.6 amu.2UL UT-3057

SP2330 200-1/3/250 RWN BT



File >B3133 256.7-257.7 amu.2UL UT-3057

SP2330 200-1/3/250 RWN BT



CONFIDENTIAL
SUBJECT TO PROTECTIVE ORDER

00135

C11038

MS data file header from : >B3133

Sample: 2UL UT-3057 Operator: ROY MS 11/05/84 7:34
Misc : SP2330 200-1/3/250 RWN BTL#77 BTL#77
Sys. #: 1 MS model: S7. SW/HW rev.: CR ALS # : 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 248 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.415	253	259	271	18	310151	260291	100.00
2	12.415	253	259	271	18	310151	253343	97.33

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.415	251	259	272	21	277458	221556	100.00
2	12.415	251	259	272	21	277458	215392	97.22

332/334 CALCULATION

R-Global(0) = .8512

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.435	254	260	273	19	345516	286445	100.00
2	12.435	254	260	273	19	345516	280070	97.77

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.435	255	260	264	9	30993	7215	100.00
2	12.435	255	260	264	9	30993	4888	67.75

00136
SUBJECT TO PROTECTIVE ORDER

C11039

S

M/Z = 319.9

>B3133

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.476	255	262	268	13	41741	7967	100.00
2	12.476	255	262	268	13	41741	7830	98.28

320/322 CALCULATION

R-Global(1) = 1.1042

M/Z = 257.0

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	0.000	269	0	268	-1	0	4058	100.00
2	0.000	269	0	268	-1	0	4058	100.00

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .0315

(328)/(332 + 334) CALCULATION

R-Global(3) = .5943

00137

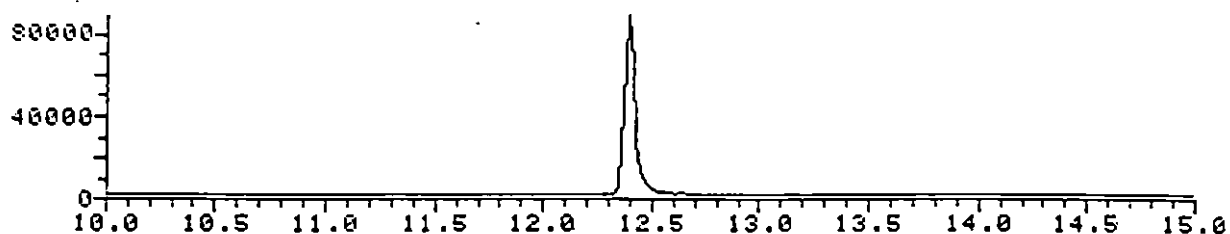
CONFIDENTIAL
 SUBJECT TO PROTECTIVE ORDER.

C11040

File >B3134 333.6-334.6 amu.2UL UT-3058

SP2330 200-1/3/250 RWN

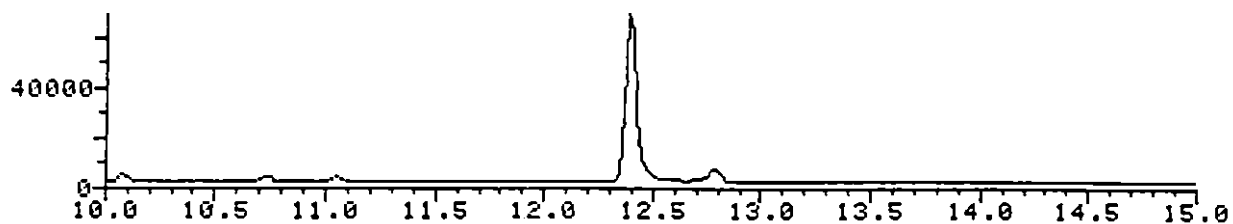
BT



File >B3134 331.6-332.6 amu.2UL UT-3058

SP2330 200-1/3/250 RWN

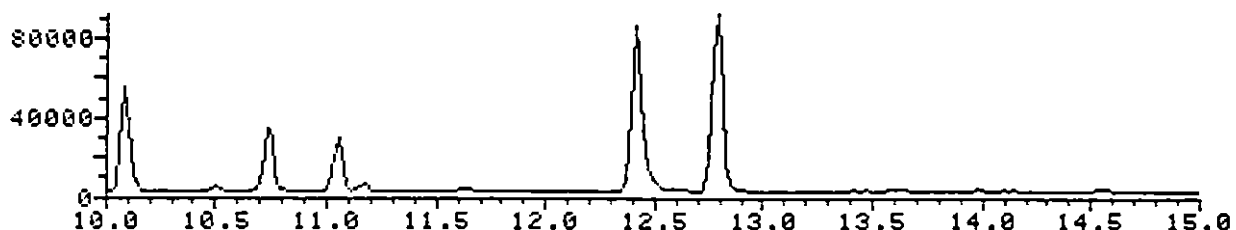
BT



File >B3134 327.6-328.6 amu.2UL UT-3058

SP2330 200-1/3/250 RWN

BT



File >B3134 321.6-322.6 amu.2UL UT-3058

SP2330 200-1/3/250 RWN

BT



File >B3134 319.6-320.6 amu.2UL UT-3058

SP2330 200-1/3/250 RWN

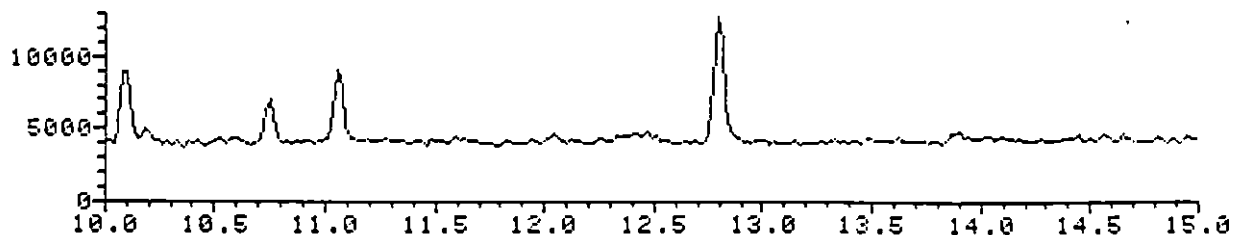
BT



File >B3134 256.7-257.7 amu.2UL UT-3058

SP2330 200-1/3/250 RWN

BT



00138

SUBJECT TO PROTECTIVE ORDER

C11041

MS data file header from : >B3134

Sample: 2UL UT-3058 Operator: ROY MS 11/05/84 7:54
Misc : SP2330 200-1/3/250 RWN BTL#79 BTL#79
Sys. #: 1 MS model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.386	247	257	269	22	311507	251975	100.00
2	12.386	247	257	269	22	311507	244627	97.08

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.386	251	257	269	18	256725	212445	100.00
2	12.386	251	257	269	18	256725	204543	96.28

332/334 CALCULATION

R-Global(0) = .8431

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.406	251	258	267	16	310916	258116	100.00
2	12.406	251	258	267	16	310916	248116	96.13

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.406	255	258	261	6	24773	9185	100.00
2	12.406	255	258	261	6	24773	7025	76.48

S

783134

M/Z = 319.9

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.406	254	258	267	13	42683	8272	100.00
2	12.406	254	258	267	13	42683	7979	96.46

320/322 CALCULATION

R-Global(1) = .9806

M/Z = 257.0

First peak is baseline drop corrected area.
 Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	0.000	257	0	256	-1	0	4558	100.00
2	0.000	257	0	256	-1	0	4558	100.00

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .0376

(328)/(332 + 334) CALCULATION

R-Global(3) = .5556

C11043

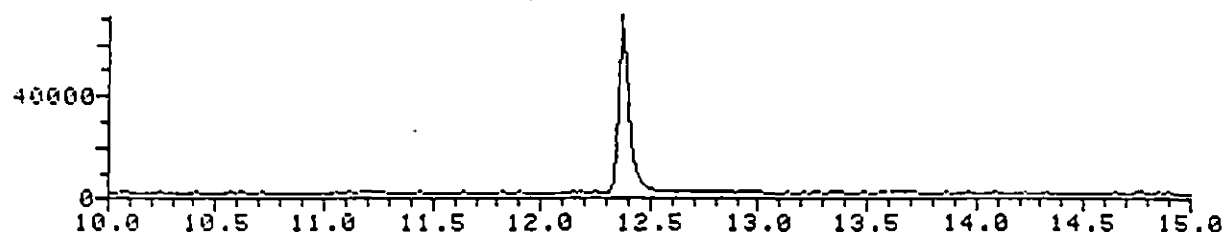
00140

SUBJECT TO PROTECTIVE ORDER.

C11043

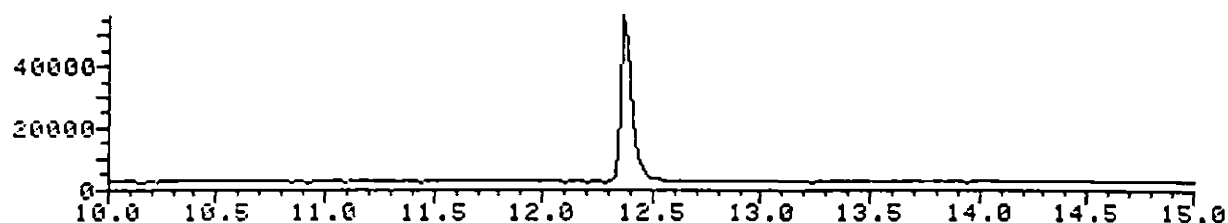
File >B3135 333.6-334.6 amu.2UL UT-3059

SP2330 200-1/3/250 RWN BT



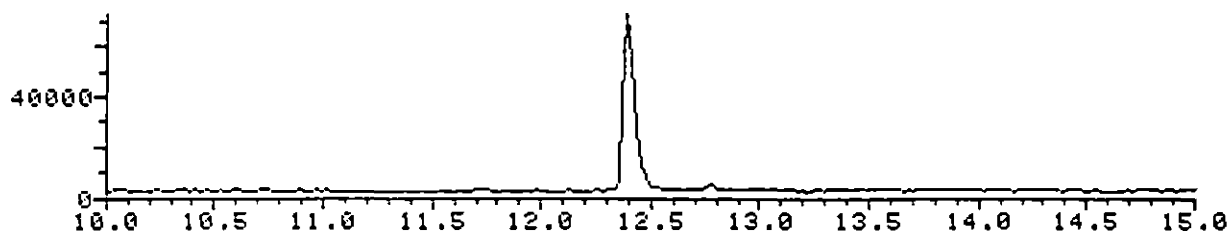
File >B3135 331.6-332.6 amu.2UL UT-3059

SP2330 200-1/3/250 RWN BT



File >B3135 327.6-328.6 amu.2UL UT-3059

SP2330 200-1/3/250 RWN BT



File >B3135 321.6-322.6 amu.2UL UT-3059

SP2330 200-1/3/250 RWN BT



File >B3135 319.6-320.6 amu.2UL UT-3059

SP2330 200-1/3/250 RWN BT



File >B3135 256.7-257.7 amu.2UL UT-3059

SP2330 200-1/3/250 RWN BT



CC

141

SUBJECT TO PROTECTIVE ORDER

C11044

MS data file header from : >B3135

Sample: 2UL UT-3059 Operator: ROY MS 11/05/84 8:15
Misc : SP2330 200-1/3/250 RWN BTL#81 BTL#81
Sys. #: 1 MS model: 87 SW/HW rev.: CA ALS # : 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 248 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.372	252	259	268	16	238576	198016	100.00
2	12.372	252	259	268	16	238576	190088	96.00

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.372	250	259	273	23	223423	166153	100.00
2	12.372	250	259	273	23	223423	161334	97.10

332/334 CALCULATION

R-Global(0) = .8391

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.393	255	260	271	16	258300	212636	100.00
2	12.393	255	260	271	16	258300	207076	97.39

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.393	255	260	271	16	46945	7441	100.00
2	12.393	255	260	271	16	46945	6353	85.38

SUBJECT TO PROTECTIVE ORDER.

00143

C11045

7B3135

S

M/Z = 319.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.393	258	260	265	7	23083	5359	100.00
2	12.393	258	260	265	7	23083	5282	98.56

320/322 CALCULATION

R-Global(1) = .7202

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	0.000	266	0	265	-1	0	3787	100.00
2	0.000	266	0	265	-1	0	3787	100.00

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .0351

(328)/(332 + 334) CALCULATION

R-Global(3) = .5837

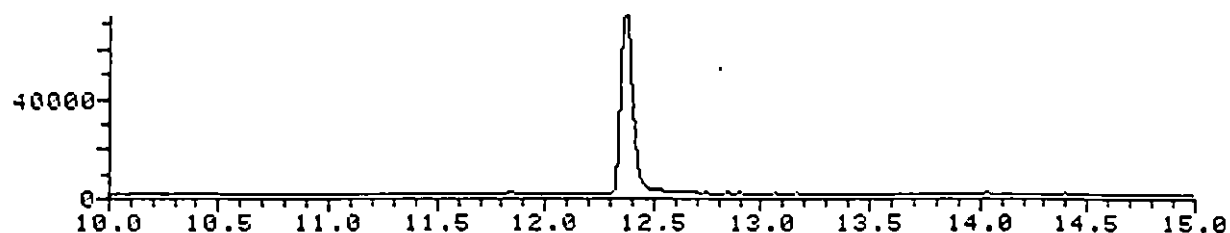
01 113

CONFIDENTIAL
SUBJECT TO REVERSE ORDER

C11046

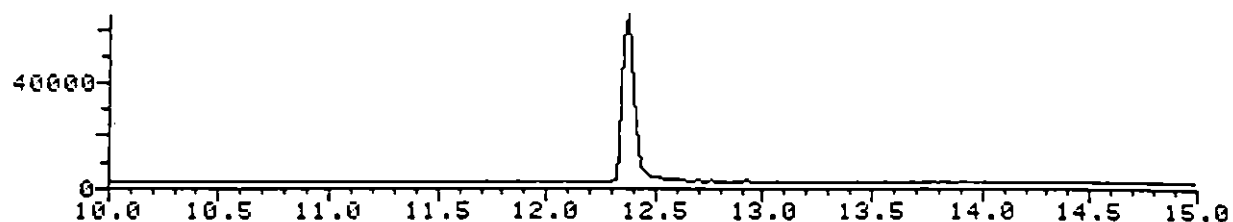
File >B3136 333.6-334.6 amu.2UL UT-3073

SP2330 200-1/3/250 RWN BT



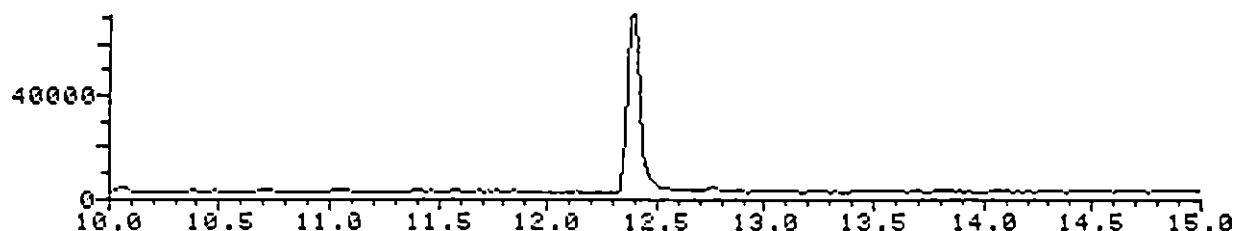
File >B3136 331.6-332.6 amu.2UL UT-3073

SP2330 200-1/3/250 RWN BT



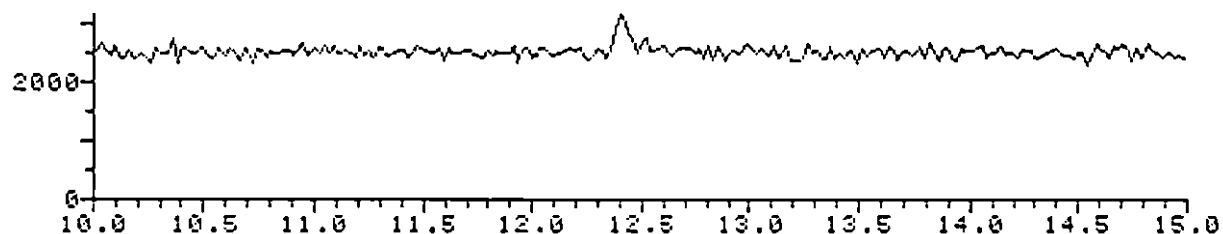
File >B3136 327.6-328.6 amu.2UL UT-3073

SP2330 200-1/3/250 RWN BT



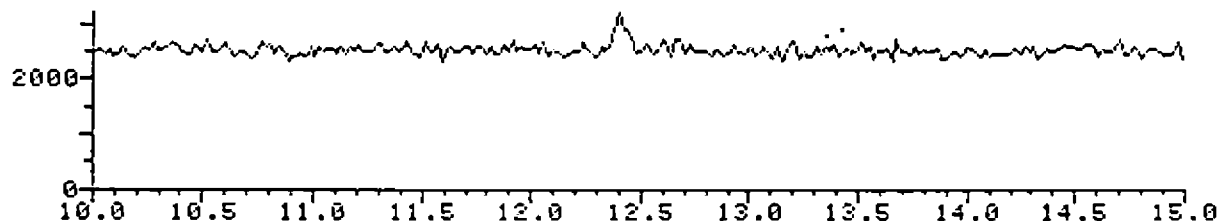
File >B3136 321.6-322.6 amu.2UL UT-3073

SP2330 200-1/3/250 RWN BT



File >B3136 319.6-320.6 amu.2UL UT-3073

SP2330 200-1/3/250 RWN BT



File >B3136 256.7-257.7 amu.2UL UT-3073

SP2330 200-1/3/250 RWN BT



00111

C11047

MS data file header from : >B3136

Sample: 2UL UT-3073 Operator: ROY MS 11/05/84 8:35
Misc : SP2330 200-1/3/250 RWN BTL#83 BTL#83
Sys. #: 1 MS model: 87 SN/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APE101 No. of extra records: 2
Source temp.: 248 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.379	251	258	271	20	281696	232916	100.00
2	12.379	251	258	271	20	281696	228696	98.19

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.379	248	258	270	22	246911	193055	100.00
2	12.379	248	258	270	22	246911	186488	96.60

332/334 CALCULATION

R-Global(0) = .8289

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.399	247	259	270	23	297042	233677	100.00
2	12.399	247	259	270	23	297042	224948	96.26

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.399	257	259	261	4	14562	4314	100.00
2	12.399	257	259	261	4	14562	3716	86.14

00145
SUBJECT TO PROTECTIVE ORDER.

C11048

>B3136

S

M/Z = 319.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.399	252	259	268	16	44997	4901	100.00
2	12.399	252	259	268	16	44997	4605	93.96

320/322 CALCULATION

R-Global(1) = 1.1361

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	0.000	269	0	268	-1	0	3688	100.00
2	0.000	269	0	268	-1	0	3688	100.00

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = .0216

(328)/(332 + 334) CALCULATION

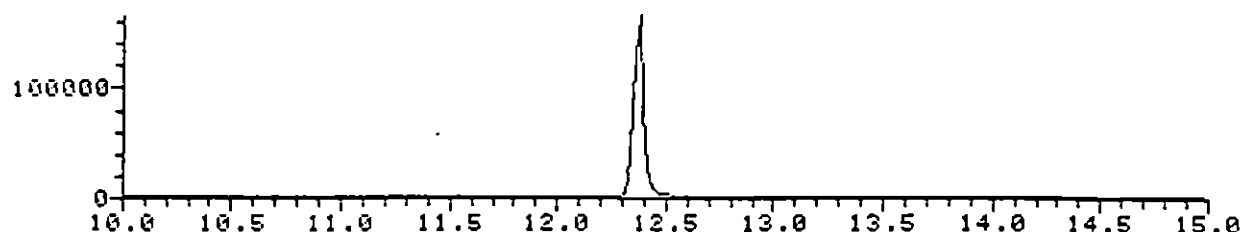
R-Global(3) = .5485

00146

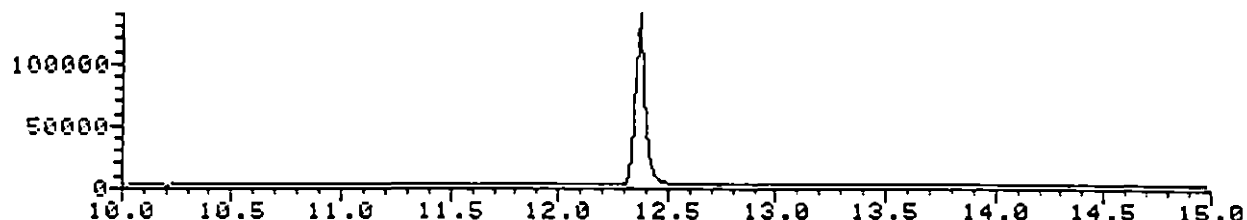

 SUBJECT TO PROTECTIVE ORDER.

C11049

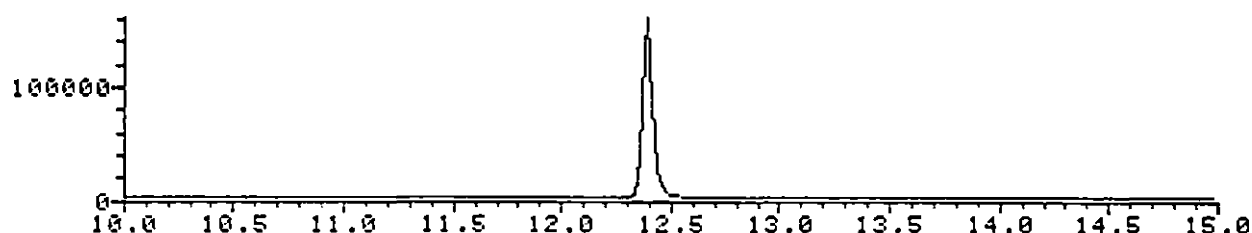
File >B3137 333.6-334.6 amu.2UL 2.504/.48/.20 SP2330 200-1/3/250 GT BT



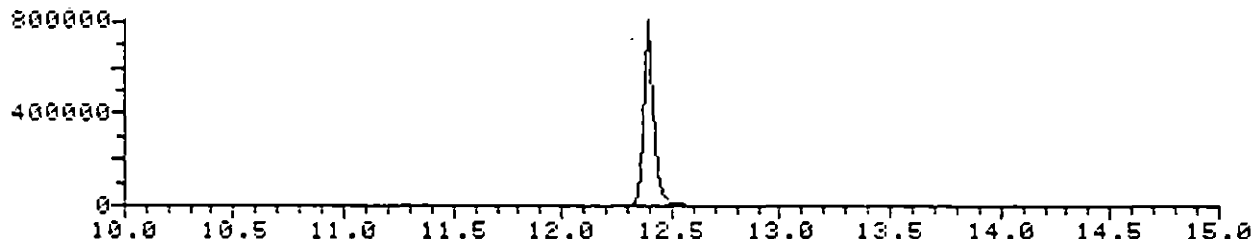
File >B3137 331.6-332.6 amu.2UL 2.504/.48/.20 SP2330 200-1/3/250 GT BT



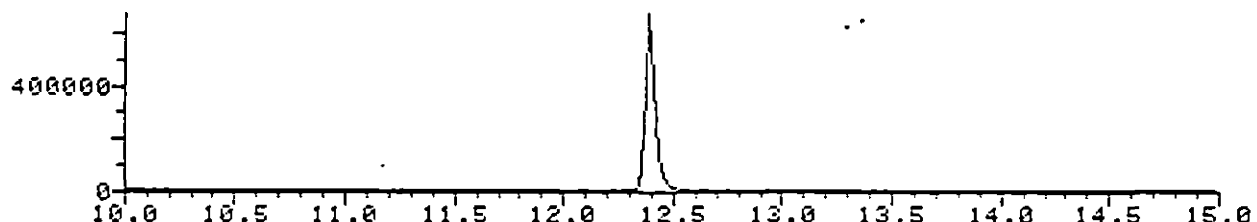
File >B3137 327.6-328.6 amu.2UL 2.504/.48/.20 SP2330 200-1/3/250 GT BT



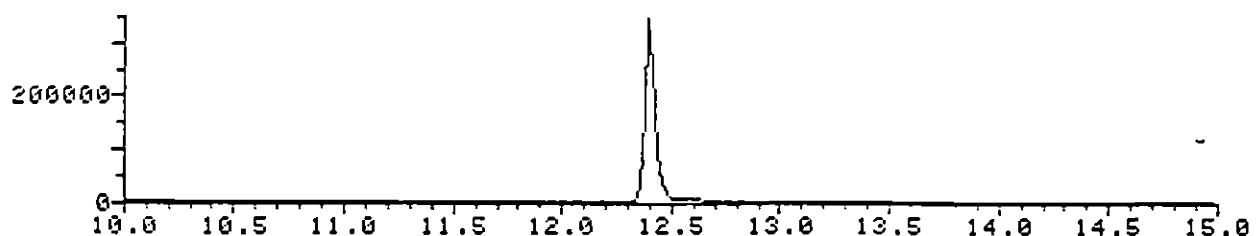
File >B3137 321.6-322.6 amu.2UL 2.504/.48/.20 SP2330 200-1/3/250 GT BT



File >B3137 319.6-320.6 amu.2UL 2.504/.48/.20 SP2330 200-1/3/250 GT BT



File >B3137 256.7-257.7 amu.2UL 2.504/.48/.20 SP2330 200-1/3/250 GT BT



00417

C11050

SUBJECT TO PROTECTIVE ORDER

MS data file header from : >B3137

Sample: 2UL 2.504/.48/.20 Operator: ROY MS 11/05/84 8:55
Misc : SP2330 200-1/3/250 GT BTL#41 BTL#41
Sys. #: 1 MS model: 87 SW/HW rev.: CA ALS #: 0
Method file: SP2330 Tuning file: APEI01 No. of extra records: 2
Source temp.: 248 Analyzer temp.: 0 Transfer line temp.: 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.374	252	257	272	20	512301	464061	100.00
2	12.374	252	257	272	20	512301	457901	98.67

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.374	247	257	270	23	430776	375231	100.00
2	12.374	247	257	270	23	430776	367744	98.00

332/334 CALCULATION

R-Global(0) = .8086

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.394	253	258	271	18	520261	471769	100.00
2	12.394	253	258	271	18	520261	466036	98.78

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.394	246	258	271	25	2278243	2214793	100.00
2	12.394	246	258	271	25	2278243	2174668	98.19

00118

C11051

> 83137

S

M/Z = 319.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.394	249	258	272	23	1874580	1818966	100.00
2	12.394	249	258	272	23	1874580	1791136	98.47

320/322 CALCULATION

R-Global(1) = .8213

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.394	250	258	273	23	1050625	965341	100.00
2	12.394	250	258	273	23	1050625	955163	98.95

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = 4.8061

(328)/(332 + 334) CALCULATION

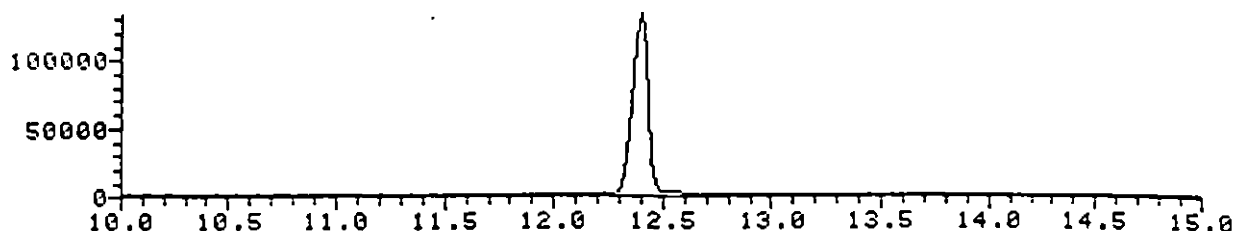
R-Global(3) = .5384

CC-00149

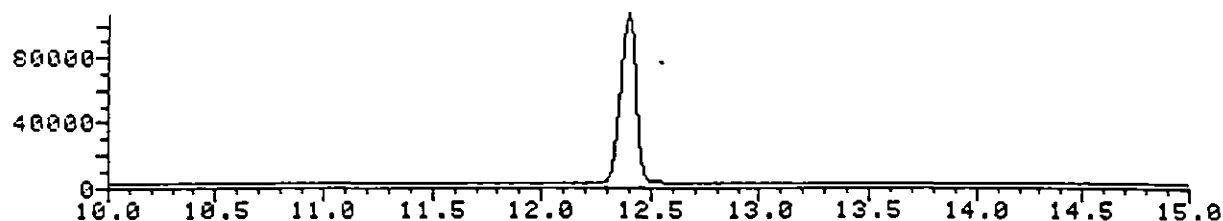
SUBJECT TO PROTECTIVE ORDER

C11052

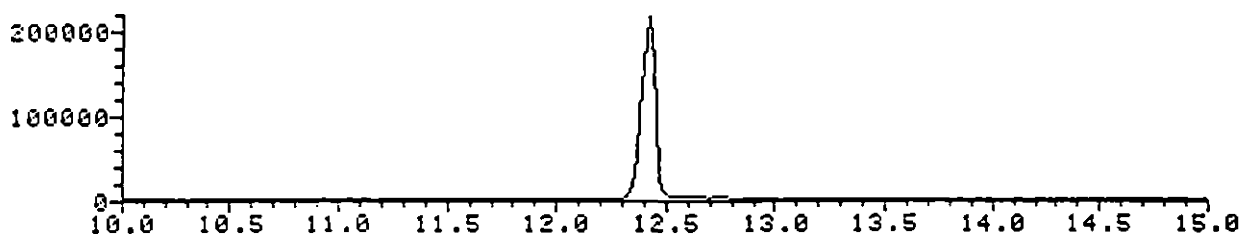
File >B3138 333.6-334.6 amu.2UL 25.04/.48/.20 SP2330 200-1/3/250 GT BT



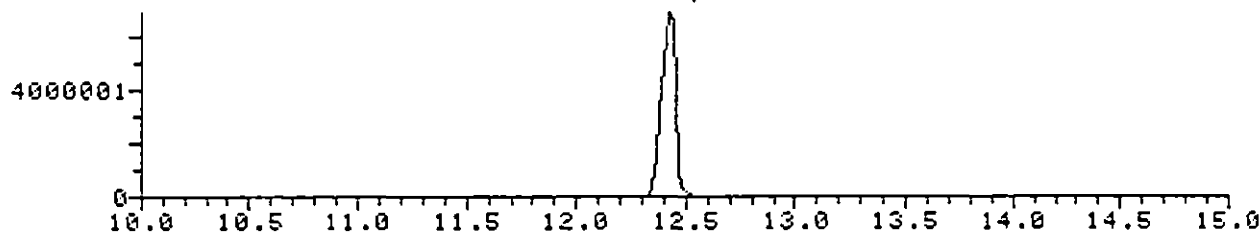
File >B3138 331.6-332.6 amu.2UL 25.04/.48/.20 SP2330 200-1/3/250 GT BT



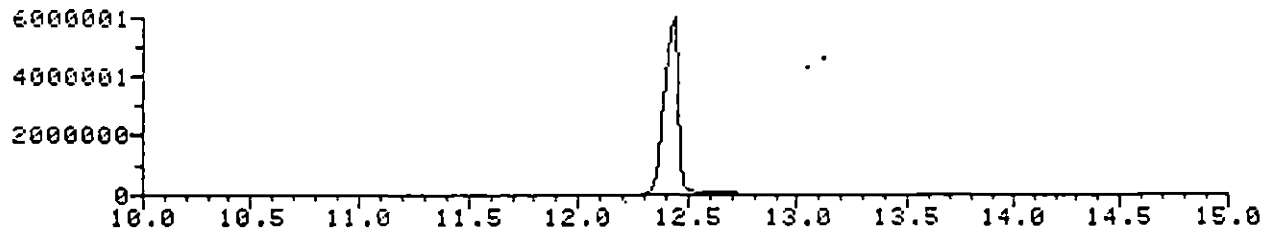
File >B3138 327.6-328.6 amu.2UL 25.04/.48/.20 SP2330 200-1/3/250 GT BT



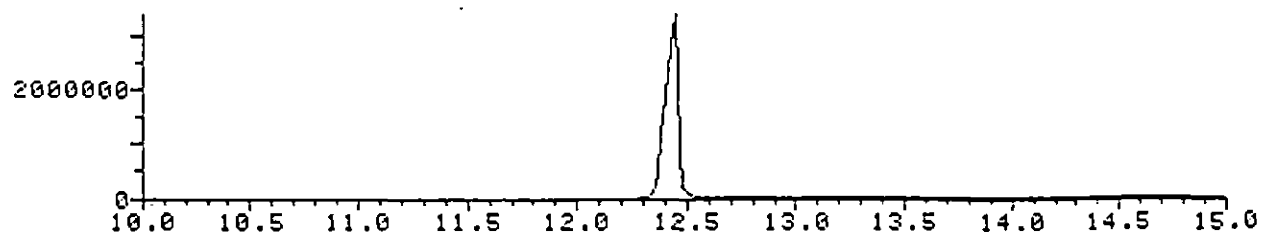
File >B3138 321.6-322.6 amu.2UL 25.04/.48/.20 SP2330 200-1/3/250 GT BT



File >B3138 319.6-320.6 amu.2UL 25.04/.48/.20 SP2330 200-1/3/250 GT BT



File >B3138 256.7-257.7 amu.2UL 25.04/.48/.20 SP2330 200-1/3/250 GT BT



CONFIDENTIAL 00150
SUBJECT TO PROTECTIVE ORDER.

C11053

MS data file header from : >B3138

Sample: 2UL 25.04/.48/.20 Operator: ROY MS 11/05/84 9:15
Misc : SP2330 200-1/3/250 GT BTL#43 BTL#43
Sys. #: 1 MS model: 87 SW/HW rev.: CR RLS # : 0
Method file: SP2330 Tuning file: APE101 No. of extra records: 2
Source temp.: 250 Analyzer temp.: 0 Transfer line temp. : 0

Chromatographic temperatures : 0. 0. 0. 0. 0.
Chromatographic times, min. : 0.0 0.0 0.0 0.0 0.0
Chromatographic rate, deg/min: 0.0 0.0 0.0 0.0 0.0

M/Z = 333.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.402	245	260	268	23	594999	538235	100.00
2	12.402	245	260	268	23	594999	527287	97.97

M/Z = 331.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.402	250	260	275	25	496056	436156	100.00
2	12.402	250	260	275	25	496056	432081	99.07

332/334 CALCULATION

R-Global(0) = .8103

M/Z = 327.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.422	252	261	273	21	819857	767294	100.00
2	12.422	252	261	273	21	819857	759377	98.97

M/Z = 321.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.422	252	261	270	18	25792552	25748148	100.00
2	12.422	252	261	270	18	25792552	25407972	98.68

CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER

C11054

>B3138

S

M/Z = 319.9

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.442	249	262	272	23	21171796	21112984	100.00
2	12.442	249	262	272	23	21171796	20842836	98.72

320/322 CALCULATION

R-Global(1) = .8200

M/Z = 257.0

First peak is baseline drop corrected area.
Second peak is tangent skimmed corrected area.

Peak #	R.T. min.	first scan	max scan	last scan	peak width	raw area	corr. area	corr. %
1	12.442	250	262	274	24	11339390	11262638	100.00
2	12.442	250	262	274	24	11339390	11137286	98.89

(320 + 322)/(332 + 334) CALCULATION

R-Global(3) = 48.0927

(328)/(332 + 334) CALCULATION

R-Global(3) = .5496

CONFIDENTIAL 00453

SUBJECT TO PROTECTIVE ORDER.

C11055

9 333.6-334.6 amu.DODECANE

SP2330 200-1/3/250 RWN BT

2273264

10.0 10.5 11.0 11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0

39 331.6-332.6 amu.DODECANE

SP2330 200-1/3/250 RWN BT

DATE
12 OCT 84

in HML:
0.0006 mg
me

10.0 10.5 11.0 11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0

39 327.6-328.6 amu.DODECANE

SP2330 200-1/3/250 RWN BT

1- anisole
core =

10.0 10.5 11.0 11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0

139 321.6-322.6 amu.DODECANE

SP2330 200-1/3/250 RWN BT

1.5 ml
u =

10.0 10.5 11.0 11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0

3139 319.6-320.6 amu.DODECANE

SP2330 200-1/3/250 RWN BT

ed 2.5 ml
d

10.0 10.5 11.0 11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0

3139 256.7-257.7 amu.DODECANE

SP2330 200-1/3/250 RWN BT

27 ug/ml

27 ug/ml

3 ug/ml

5 ug/ml

103 ug/ml

CC 00153

SUBJECT TO PROTECTIVE ORDER.

C11056

DATE
10 OCT 85